

Converting Colors

XYZ(80.1336, 84.0611, 92.7400)

Have a look what the booklet for
XYZ(80.1336, 84.0611, 92.7400)
contains.

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Color

**XYZ(80.0201, 83.9968,
92.8844)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECECEE |
| RGB | 236, 236, 238 |
| RGB Percent | 93%, 93%, 93% |
| CMY | 0.0745, 0.0745, 0.0667 |
| CMYK | 0.01, 0.01, 0.00, 0.07 |
| HSL | 240°, 6%, 93% |
| HSV | 240°, 1%, 93% |
| XYZ | 80.0201, 83.9968, 92.8844 |
| YIQ | 236.2280, -0.6420, 0.6220 |

Conversions

Conversions Part 2

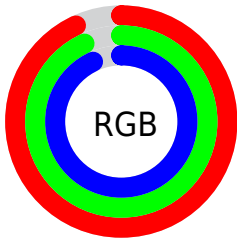
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 236, 236, 238 |
| Decimal | 15527150 |
| CIE Lab | 93.45, 0.36, -0.98 |
| CIE LCh | 93, 1.041, 290.327 |
| Yxy | 83.9968, 0.3115, 0.3270 |
| Android (android.graphics.Color) | 4293717230 (0xFFECECEE) |
| YUV | 236.2280, 0.8736, -0.2000 |
| Hunter-Lab | 91.6498, -4.5374, 4.0661 |

Details

The XYZ color **80.0201, 83.9968, 92.8844** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9748, 85.3812, 91.5704**, and the grayscale version is **79.8993, 84.0603, 91.5417**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5871, 45.7232, 50.7841** is the 20% darker color. If you saturate the color by 10%, you get **66.2495, 67.4145, 90.4108**, and if you desaturate by 10%, it is **92.4329, 98.9531, 95.1183**.

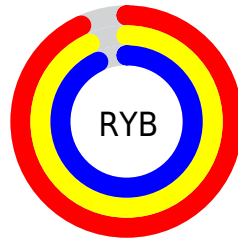
Distribution



Red (93%)

Green (93%)

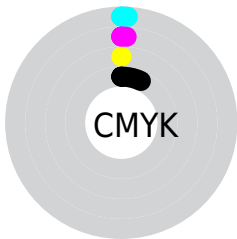
Blue (93%)



Red (93%)

Yellow (93%)

Blue (93%)

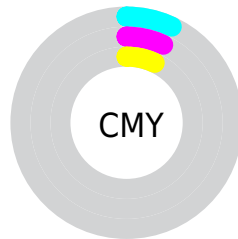


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0201, 83.9968, 92.8844 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.0201, 83.9968, 92.8844 by changing the saturation by 10% instead.

80.0201, 83.9968,
92.8844

80.0201, 83.9968,
92.8844

483.7361,
508.3026, 558.1801

60.0434, 63.0128,
69.7883

132.3444,
138.9707, 153.3089

43.7032, 45.8516,
50.8782

165.4227,
173.7294, 191.4743

30.6342, 32.1287,
35.7356

203.5989,
213.8484, 235.5000

20.4709, 21.4598,
23.9420

247.2383,
259.7122, 285.8044

12.8480, 13.4605,
15.0788

296.7065,
311.7051, 342.8060

7.4003, 7.7464,
8.7275

352.3685,

3.7622, 3.9331,

370.2115, 406.9235

4.4695

414.5900,
435.6159, 478.5753

■ 1.5685, 1.6362,
1.8863

■ 0.3717, 0.3818,
0.4840

■ 80.0201, 83.9968,
92.8844

■ 80.0201, 83.9968,
92.8844

■ 66.2495, 67.4145,
90.4108

■ 92.4329, 98.9531,
95.1183

■ 54.3619, 53.0976,
88.2739

■ 44.2776, 40.9509,
86.4608

■ 35.9087, 30.8687,
84.9558

■ 29.1596, 22.7362,
83.7418

■ 23.9258, 16.4276,
82.8000

■ 20.0901, 11.8020,
82.1093

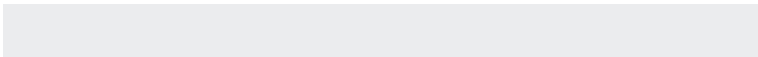
■ 17.5186, 8.6986,
81.6458

■ 16.0510, 6.9248,
81.3808

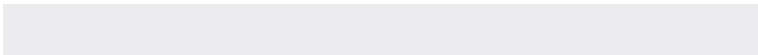
Harmonies

Analogous

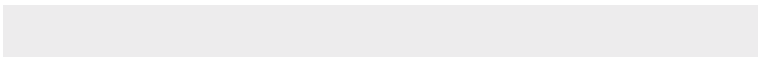
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7477, 83.9968, 92.9579



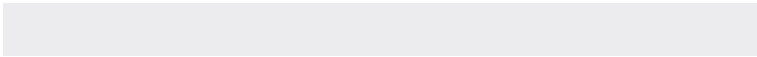
80.0201, 83.9968, 92.8844



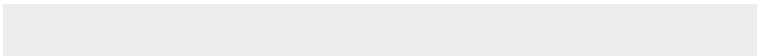
80.2438, 83.9968, 92.4276

Triad

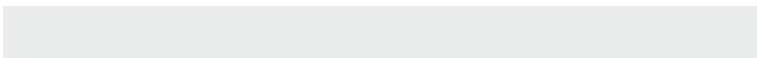
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0201, 83.9968, 92.8844



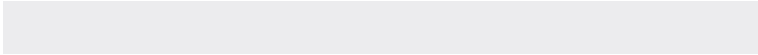
80.1742, 83.9968, 90.2986



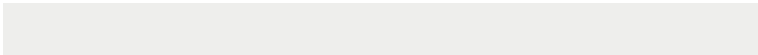
79.3168, 83.9968, 91.2042

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



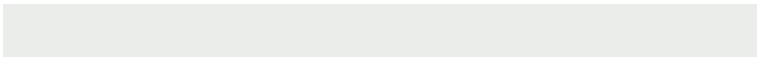
80.0201, 83.9968, 92.8844



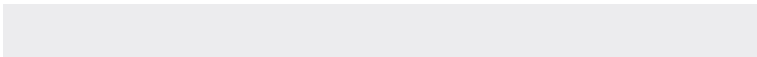
80.9748, 85.3812, 91.5704

Split Complementary

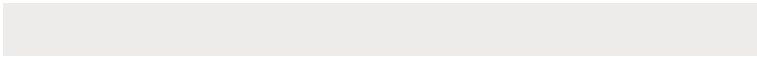
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4305, 83.9968, 90.4957



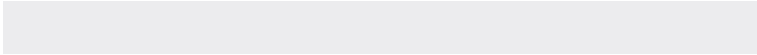
80.0201, 83.9968, 92.8844



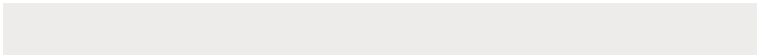
79.9252, 83.9968, 89.9748

Square

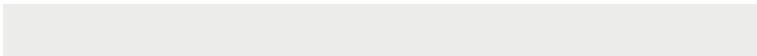
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



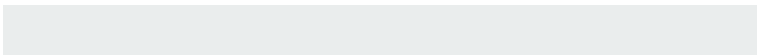
80.0201, 83.9968, 92.8844



80.3329, 83.9968, 90.9337



79.6531, 83.9968, 90.0467



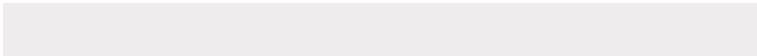
79.3421, 83.9968, 91.9848

Rectangle

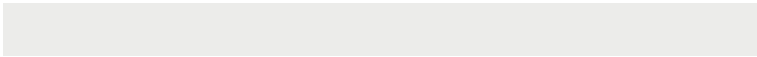
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



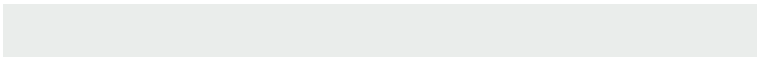
80.0201, 83.9968, 92.8844



80.3349, 83.9968, 91.9686



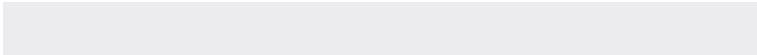
79.6531, 83.9968, 90.0467



79.3400, 83.9968, 90.9498

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.0225, 84.0004, 92.8862

95.0500, 100.0000, 108.9000



80.5955, 85.1543, 93.0531



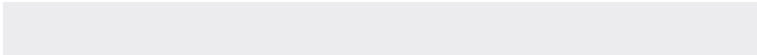
20.3446, 21.4041, 23.3091



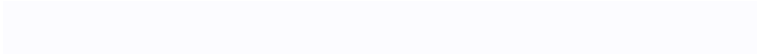
0.0000, 0.0000, 0.0000

Same Dimension

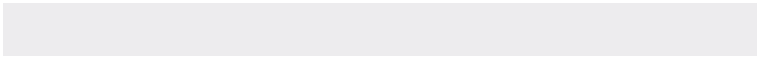
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0225, 84.0004, 92.8862



93.3116, 97.9067, 108.5876



80.3432, 84.1640, 92.9009



17.4968, 18.3612, 20.3435



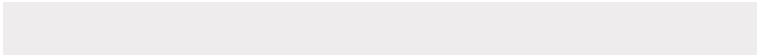
8.6140, 3.4522, 45.3402



0.7175, 0.2890, 3.7722

Inverse Universe

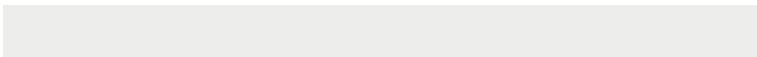
The Inverse Universe completely reimagines the original color for something new.



80.3975, 84.2256, 91.3809



93.8348, 98.2210, 106.4871



80.6522, 85.2168, 91.5557



17.5894, 18.4168, 19.9717



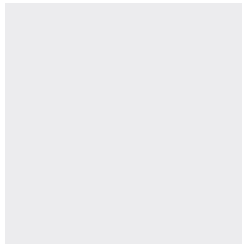
19.6736, 10.1418, 0.9316



1.6371, 0.8439, 0.0799

Previews

White Background



This preview shows how the XYZ color 80.0201, 83.9968, 92.8844 looks on a white background.

Color Contrast Check

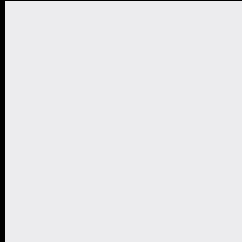
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.0201, 83.9968, 92.8844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

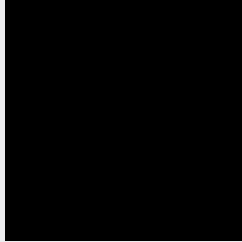
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

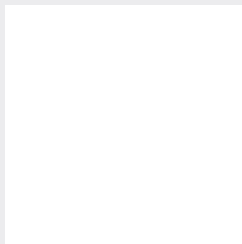
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0201, 83.9968, 92.8844

Background



This preview shows how black text looks on a background with the XYZ color 80.0201, 83.9968, 92.8844.



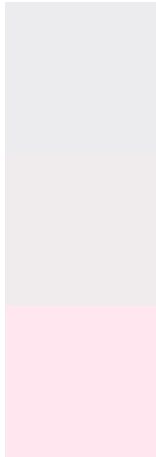
This preview shows how white text looks on a background with the XYZ color 80.0201, 83.9968,

92.8844.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.0201, 83.9968, 92.8844

Protanopia

80.9296, 84.0564, 92.0798

Deuteranopia

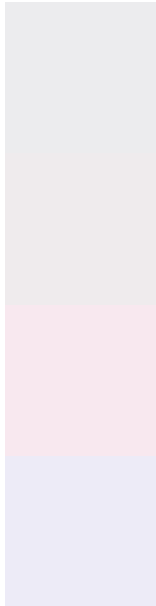
85.1168, 84.0856, 93.4054



Tritanopia

82.2534, 84.0511, 103.9837

Trichromacy



Original Color

80.0201, 83.9968, 92.8844

Protanomaly

80.5910, 83.8818, 92.0640

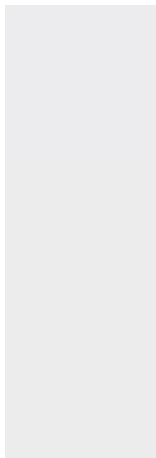
Deuteranomaly

83.1480, 83.9017, 93.4736

Tritanomaly

81.4219, 84.1366, 99.9443

Monochromacy



Original Color

80.0201, 83.9968, 92.8844

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.8736, 83.9382, 92.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0201, 83.9968, 92.8844 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(236, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.0201, 83.9968, 92.8844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 236, 238) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(236, 236, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(236, 236, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
238) }
```


Background

The CSS property to change the background color of an element to XYZ 80.0201, 83.9968, 92.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
236, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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