

Converting Colors

XYZ(80.1153, 83.1958, 92.7248)

Have a look what the booklet for
XYZ(80.1153, 83.1958, 92.7248)
contains.

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Color

**XYZ(80.1153, 83.1958,
92.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEAE
RGB	238, 234, 238
RGB Percent	93%, 92%, 93%
CMY	0.0667, 0.0823, 0.0667
CMYK	0.00, 0.02, 0.00, 0.07
HSL	300°, 11%, 93%
HSV	300°, 2%, 93%
XYZ	80.1153, 83.1958, 92.7248
YIQ	235.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

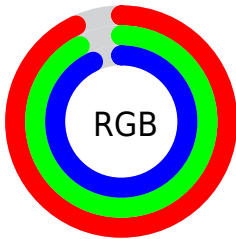
Format	Color
R _Y B	238, 234, 238
Decimal	15657710
CIE Lab	93.10, 2.05, -1.47
CIE LCh	93, 2.524, 324.418
Yxy	83.1958, 0.3129, 0.3249
Android (android.graphics.Color)	4293847790 (0xFFEEEEAE)
YUV	235.6520, 1.1576, 2.0592
Hunter-Lab	91.2117, -2.8361, 3.5747

Details

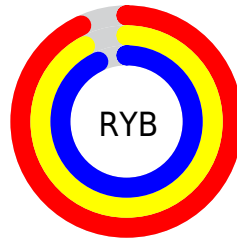
The XYZ color **80.1153, 83.1958, 92.7248** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.3607, 84.5843, 89.9898**, and the grayscale version is **79.4556, 83.5935, 91.0333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6553, 45.1633, 50.6725** is the 20% darker color. If you saturate the color by 10%, you get **73.7903, 70.5451, 90.6176**, and if you desaturate by 10%, it is **86.4535, 95.8707, 94.8385**.

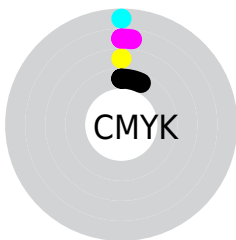
Distribution



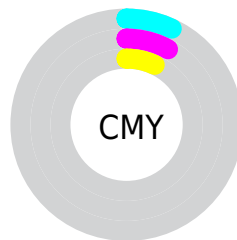
- Red (93%)
- Green (92%)
- Blue (93%)



- Red (93%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1153, 83.1958, 92.7248 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 80.1153, 83.1958, 92.7248 by changing the saturation by 10% instead.

80.1153, 83.1958,
92.7248

80.1153, 83.1958,
92.7248

484.0519,
505.6388, 557.6524

60.1220, 62.3517,
69.6564

132.4775,
137.8497, 153.0860

43.7668, 45.3169,
50.7714

165.5771,
172.4282, 191.2158

30.6844, 31.7071,
35.6512

203.7763,
212.3537, 235.2032

20.5093, 21.1379,
23.8774

247.4403,
258.0105, 285.4667

12.8762, 13.2248,
15.0313

296.9345,
309.7830, 342.4248

7.4197, 7.5836,
8.6945

352.6243,

3.7746, 3.8297,

368.0556, 406.4961

4.4484

414.8750,
433.2128, 478.0991

■ 1.5754, 1.5787,
1.8744

■ 0.3763, 0.3432,
0.4764

■ 80.1153, 83.1958,
92.7248

■ 80.1153, 83.1958,
92.7248

■ 73.7903, 70.5451,
90.6176

■ 86.4535, 95.8707,
94.8385

■ 68.3371, 59.6391,
88.7999

■ 86.4538, 95.8708,
94.8385

■ 63.7196, 50.4045,
87.2608

■ 86.4541, 95.8710,
94.8385

■ 59.8965, 42.7587,
85.9866

■ 86.4544, 95.8712,
94.8385

56.8231, 36.6123,
84.9622

86.4547, 95.8713,
94.8385

54.4501, 31.8668,
84.1713

86.4550, 95.8715,
94.8386

52.7225, 28.4120,
83.5955

86.4553, 95.8716,
94.8386

51.5769, 26.1213,
83.2137

86.4556, 95.8718,
94.8386

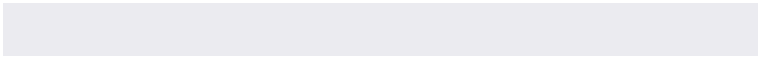
50.9373, 24.8426,
83.0006

86.4559, 95.8719,
94.8386

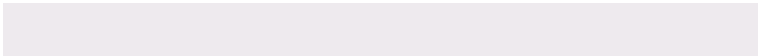
Harmonies

Analogous

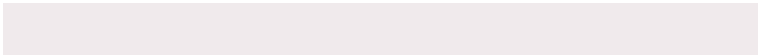
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6027, 83.1958, 93.9476



80.1153, 83.1958, 92.7248



80.3493, 83.1958, 90.9413

Triad

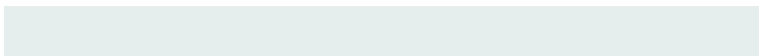
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1153, 83.1958, 92.7248



79.1991, 83.1958, 87.0046



77.9212, 83.1958, 92.1021

Complementary

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



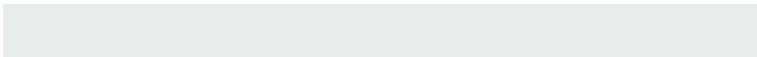
80.1153, 83.1958, 92.7248



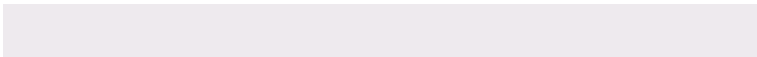
79.3607, 84.5843, 89.9898

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.



77.8145, 83.1958, 90.2318



80.1153, 83.1958, 92.7248



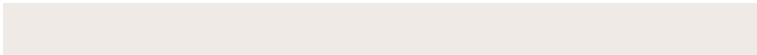
78.5499, 83.1958, 87.3057

Square

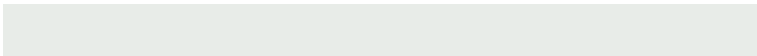
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



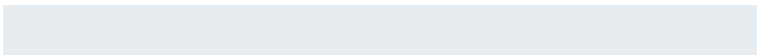
80.1153, 83.1958, 92.7248



79.8184, 83.1958, 87.6523



78.0440, 83.1958, 88.4805



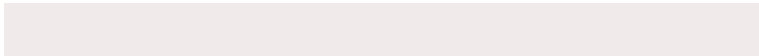
78.3364, 83.1958, 93.5846

Rectangle

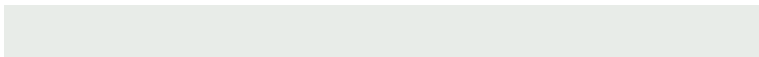
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



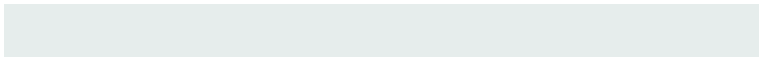
80.1153, 83.1958, 92.7248



80.3149, 83.1958, 89.6810



78.0440, 83.1958, 88.4805



77.8482, 83.1958, 91.4972

Sweetspot

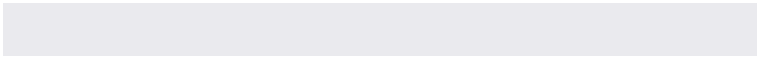
The Sweet Spot groups the original color and five complimentary colors.



80.1177, 83.1994, 92.7266



94.2419, 98.3838, 108.6306



78.8098, 82.5533, 92.6708



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

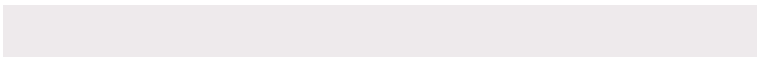
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1177, 83.1994, 92.7266



93.4445, 96.7890, 108.3648



79.8354, 83.0865, 91.2399



17.5202, 18.1632, 20.3040



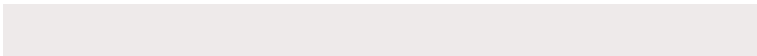
28.2797, 13.5841, 46.2594



2.3526, 1.1301, 3.8483

Inverse Universe

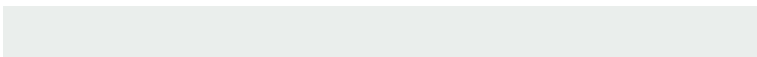
The Inverse Universe completely reimagines the original color for something new.



79.5370, 82.9671, 89.6684



92.6342, 96.4649, 104.0977



79.6397, 84.6959, 91.4594



17.3767, 18.1058, 19.5485



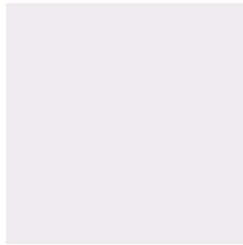
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 80.1153, 83.1958, 92.7248 looks on a white background.

Color Contrast Check

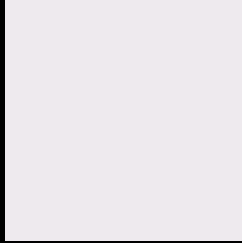
Large Text (above 18pt) WCAG AA × Fail

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 80.1153, 83.1958, 92.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

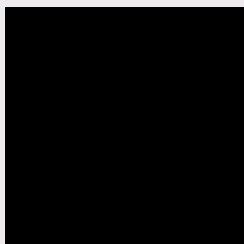
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

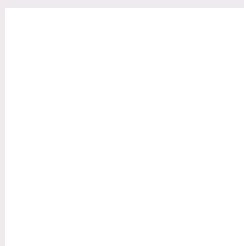
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.1153, 83.1958, 92.7248

Background



This preview shows how black text looks on a background with the XYZ color 80.1153, 83.1958, 92.7248.



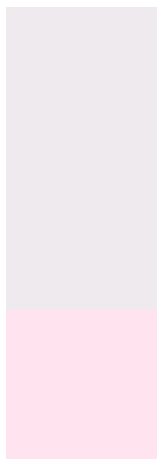
This preview shows how white text looks on a background with the XYZ color 80.1153, 83.1958,

92.7248.

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

80.1153, 83.1958, 92.7248

Protanopia

80.1153, 83.1958, 92.7248

Deuteranopia

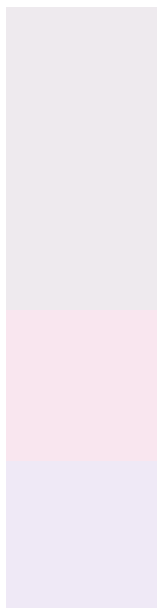
84.5634, 82.9788, 93.2209



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

80.1153, 83.1958, 92.7248

Protanomaly

80.1153, 83.1958, 92.7248

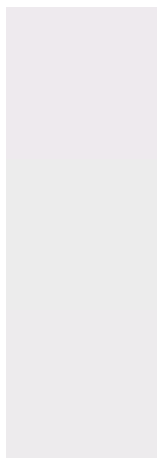
Deuteranomaly

82.9437, 82.9654, 93.3037

Tritanomaly

81.3701, 83.2824, 98.9752

Monochromacy



Original Color

80.1153, 83.1958, 92.7248

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9194, 83.5356, 92.0325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1153, 83.1958, 92.7248 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(238, 234, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 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(238, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.1153, 83.1958, 92.7248 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(238, 234, 238) }
```


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

```
.border{ border-color:rgb(238, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1153, 83.1958, 92.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 238) }
```

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

```
.background{ background-color: rgb(238,  
234, 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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