

Converting Colors

XYZ(80.5886, 84.1013, 91.7822)

Have a look what the booklet for
XYZ(80.5886, 84.1013, 91.7822)
contains.

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Color

**XYZ(80.8781, 84.4561,
92.1597)**

Conversions

Conversions Part 1

Format	Color
Hex	EFECED
RGB	239, 236, 237
RGB Percent	94%, 93%, 93%
CMY	0.0627, 0.0745, 0.0706
CMYK	0.00, 0.01, 0.01, 0.06
HSL	340°, 9%, 93%
HSV	340°, 1%, 94%
XYZ	80.8781, 84.4561, 92.1597
YIQ	237.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

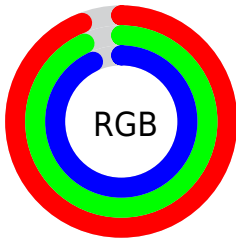
Format	Color
R _Y B	239, 236, 237
Decimal	15723757
CIE Lab	93.65, 1.18, -0.14
CIE LCh	94, 1.193, 353.361
Yxy	84.4561, 0.3141, 0.3280
Android (android.graphics.Color)	4293913837 (0xFFEFECED)
YUV	237.0110, -0.0054, 1.7444
Hunter-Lab	91.9000, -3.7332, 4.8725

Details

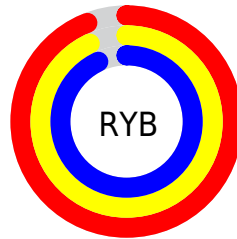
The XYZ color **80.8781, 84.4561, 92.1597** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8943, 85.7410, 93.1793**, and the grayscale version is **80.5061, 84.6987, 92.2369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1902, 46.0460, 50.2748** is the 20% darker color. If you saturate the color by 10%, you get **72.2244, 70.7137, 78.2819**, and if you desaturate by 10%, it is **89.0797, 96.9600, 106.9122**.

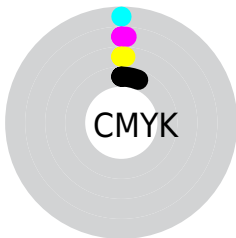
Distribution



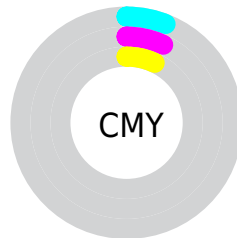
- Red (94%)
- Green (93%)
- Blue (93%)



- Red (94%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8781, 84.4561, 92.1597 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 80.8781, 84.4561, 92.1597 by changing the saturation by 10% instead.

80.8781, 84.4561,
92.1597

80.8781, 84.4561,
92.1597

486.5788,
509.8266, 555.7819

60.7522, 63.3921,
69.1895

133.5436,
139.6130, 152.2963

44.2770, 46.1585,
50.3933

166.8140,
174.4747, 190.2998

31.0871, 32.3709,
35.3527

205.1964,
214.7044, 234.1516

20.8174, 21.6449,
23.6489

249.0564,
260.6864, 284.2700

13.1023, 13.5962,
14.8636

298.7593,
312.8053, 341.0737

7.5765, 7.8404,
8.5782

354.6704,

3.8747, 3.9930,

371.4454, 404.9812

4.3740

417.1551,
436.9910, 476.4111

■ 1.6315, 1.6696,
1.8327

■ 0.4128, 0.4039,
0.4494

■ 80.8781, 84.4561,
92.1597

■ 80.8781, 84.4561,
92.1597

■ 72.2244, 70.7137,
78.2819

■ 89.0797, 96.9600,
106.9122

■ 64.6548, 58.8175,
65.7612

■ 89.4071, 97.0910,
108.6359

■ 58.1275, 48.6914,
54.5571

■ 52.5950, 40.2500,
44.6249

■ 48.0061, 33.4006,
35.9172

■ 44.3049, 28.0417,
28.3835

■ 41.4291, 24.0598,
21.9694

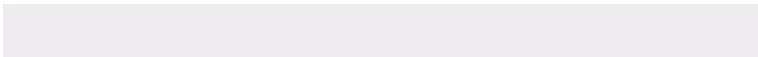
■ 39.3080, 21.3248,
16.6153

■ 37.8574, 19.6814,
12.2548

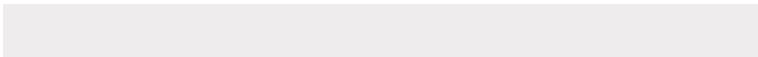
Harmonies

Analogous

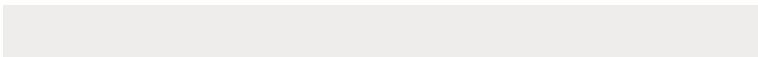
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7616, 84.4561, 93.0008



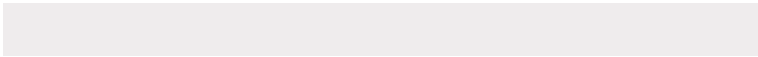
80.8781, 84.4561, 92.1597



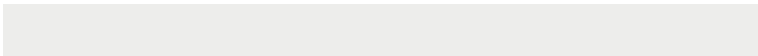
80.8321, 84.4561, 91.2700

Triad

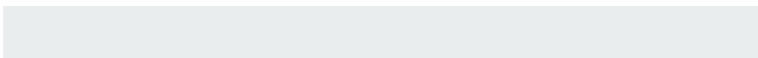
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8781, 84.4561, 92.1597



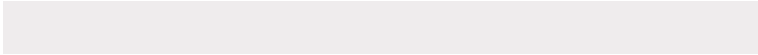
80.0323, 84.4561, 90.3699



79.9109, 84.4561, 93.3619

Complementary

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



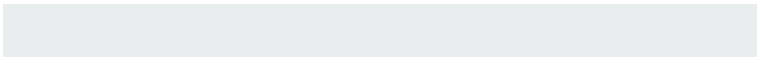
80.8781, 84.4561, 92.1597



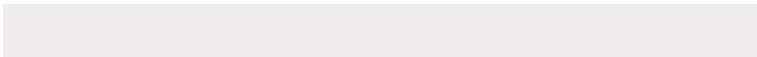
80.8943, 85.7410, 93.1793

Split Complementary

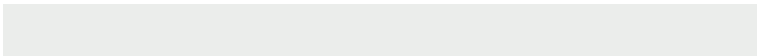
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7164, 84.4561, 92.6501



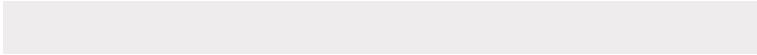
80.8781, 84.4561, 92.1597



79.7864, 84.4561, 90.9237

Square

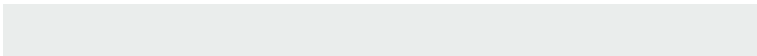
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



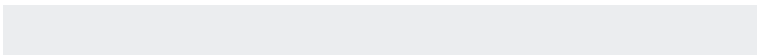
80.8781, 84.4561, 92.1597



80.3433, 84.4561, 90.2405



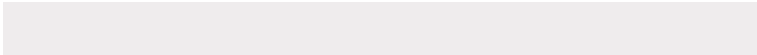
79.6709, 84.4561, 91.7573



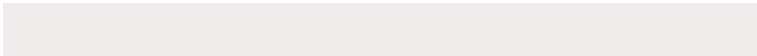
80.2028, 84.4561, 93.6978

Rectangle

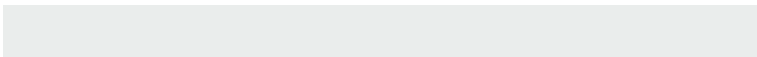
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



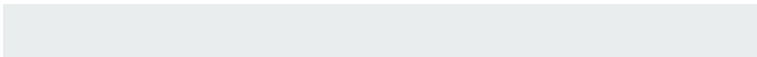
80.8781, 84.4561, 92.1597



80.7156, 84.4561, 90.7686



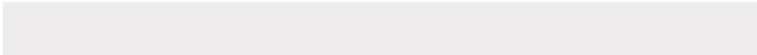
79.6709, 84.4561, 91.7573



79.8320, 84.4561, 93.1584

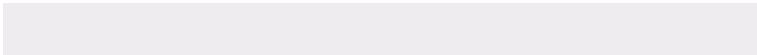
Sweetspot

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



80.8805, 84.4597, 92.1615

95.0500, 100.0000, 108.9000



80.8382, 84.4040, 93.6934



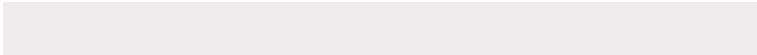
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

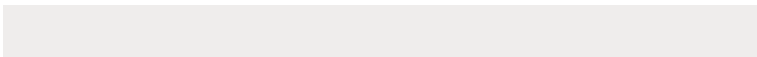
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8805, 84.4597, 92.1615



92.9012, 96.5717, 105.5035



80.8793, 84.6896, 91.4452



17.4240, 18.1247, 19.7976



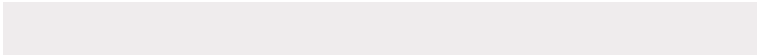
20.5148, 10.4783, 5.3613



1.7511, 0.8895, 0.6799

Inverse Universe

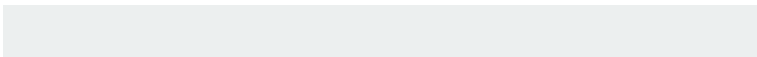
The Inverse Universe completely reimagines the original color for something new.



80.8805, 84.4597, 92.1615



92.9012, 96.5717, 105.5035



80.8951, 85.5078, 93.9034



17.4240, 18.1247, 19.7976



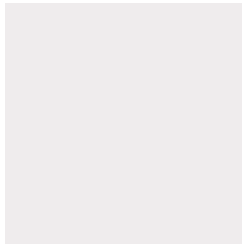
20.5148, 10.4783, 5.3613



1.7511, 0.8895, 0.6799

Previews

White Background



This preview shows how the XYZ color 80.8781, 84.4561, 92.1597 looks on a white background.

Color Contrast Check

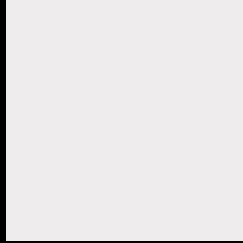
Large Text (above 18pt) WCAG AA × Fail

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 80.8781, 84.4561, 92.1597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

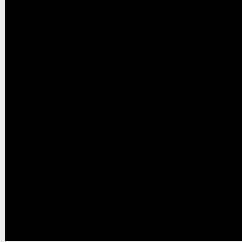
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

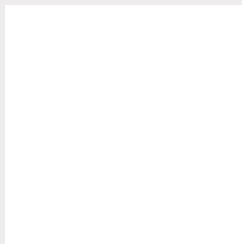
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8781, 84.4561, 92.1597

Background



This preview shows how black text looks on a background with the XYZ color 80.8781, 84.4561, 92.1597.



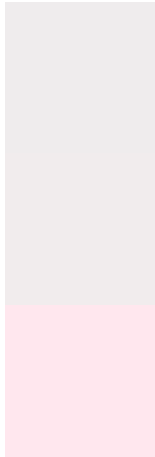
This preview shows how white text looks on a background with the XYZ color 80.8781, 84.4561,

92.1597.

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

80.8781, 84.4561, 92.1597

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

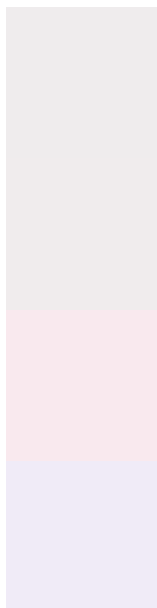
85.2485, 84.5849, 92.7224



Tritanopia

83.2691, 84.5747, 104.0313

Trichromacy



Original Color

80.8781, 84.4561, 92.1597

Protanomaly

81.2167, 84.6306, 92.1755

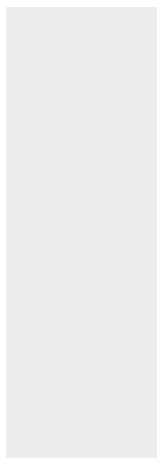
Deuteranomaly

83.6385, 84.5906, 92.8083

Tritanomaly

82.4320, 84.6573, 99.9916

Monochromacy



Original Color

80.8781, 84.4561, 92.1597

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8301, 84.8599, 92.2402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8781, 84.4561, 92.1597 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(239, 236, 237) looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 237)  
}
```

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(239, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.8781, 84.4561, 92.1597 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(239, 236, 237) }
```

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

```
.border{ border-color:rgb(239, 236, 237) }
```

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

Here you see how a box with a 4 pixel rgb(239, 236, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
237) }
```


Background

The CSS property to change the background color of an element to XYZ 80.8781, 84.4561, 92.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 237) }
```

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

```
.background{ background-color: rgb(239,  
236, 237) }
```

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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