

Converting Colors

XYZ(84.6157, 89.7373, 97.5427)

Have a look what the booklet for
XYZ(84.6157, 89.7373, 97.5427)
contains.

XYZ(84.8040, 89.8732, 97.6716)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(84.8040, 89.8732,
97.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F4F3
RGB	241, 244, 243
RGB Percent	95%, 96%, 95%
CMY	0.0549, 0.0431, 0.0471
CMYK	0.01, 0.00, 0.00, 0.04
HSL	160°, 12%, 95%
HSV	160°, 1%, 96%
XYZ	84.8040, 89.8732, 97.6716
YIQ	242.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

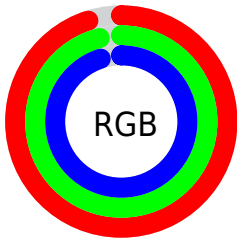
Format	Color
R_{YB}	241, 243, 244
Decimal	15856883
CIE _{Lab}	95.94, -1.17, 0.12
CIE _{LCh}	96, 1.172, 174.040
Yxy	89.8732, 0.3114, 0.3300
Android (android.graphics.Color)	4294046963 (0xFFFF1F4F3)
YUV	242.9890, 0.0054, -1.7444
Hunter-Lab	94.8015, -6.2267, 5.2760

Details

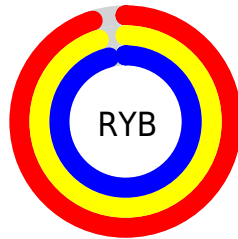
The XYZ color **84.8040, 89.8732, 97.6716** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7939, 88.5569, 96.6330**, and the grayscale version is **85.1857, 89.6220, 97.5983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9604, 49.8686, 54.1642** is the 20% darker color. If you saturate the color by 10%, you get **75.8224, 85.3847, 90.9653**, and if you desaturate by 10%, it is **91.0298, 92.9398, 104.5383**.

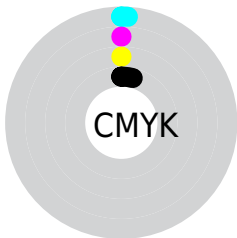
Distribution



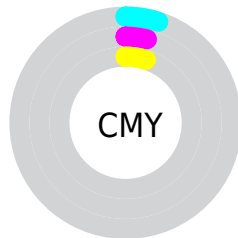
- Red (95%)
- Green (96%)
- Blue (95%)



- Red (95%)
- Yellow (95%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8040, 89.8732, 97.6716 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 84.8040, 89.8732, 97.6716 by changing the saturation by 10% instead.

84.8040, 89.8732,
97.6716

84.8040, 89.8732,
97.6716

499.4727,
527.6183, 573.8843

64.0014, 67.8755,
73.7514

139.0147,
147.1623, 159.9776

46.9135, 49.7964,
54.0950

173.1536,
183.2224, 199.2005

33.1749, 35.2517,
38.2840

212.4686,
224.7387, 244.3613

22.4204, 23.8568,
25.8996

257.3250,
272.0958, 295.8787

14.2844, 15.2274,
16.5235

308.0883,
325.6779, 354.1712

8.4018, 8.9792,
9.7370

365.1238,

4.4071, 4.7276,

385.8694, 419.6572

5.1216

428.7968,
453.0547, 492.7554

■ 1.9349, 2.0883,
2.2588

■ 0.5970, 0.6581,
0.7080

■ 84.8040, 89.8732,
97.6716

■ 84.8040, 89.8732,
97.6716

■ 75.8224, 85.3847,
90.9653

■ 91.0298, 92.9398,
104.5383

■ 67.9639, 81.4664,
84.5917

■ 91.6424, 93.1848,
107.7641

■ 61.1833, 78.0977,
78.5467

■ 55.4295, 75.2522,
72.8243

■ 50.6471, 72.9015,
67.4178

■ 46.7753, 71.0143,
62.3205

■ 43.7460, 69.5557,
57.5252

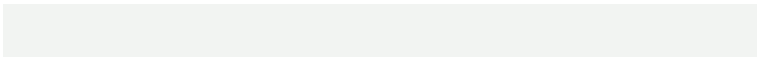
■ 41.4814, 68.4855,
53.0240

■ 39.8881, 67.7558,
48.8082

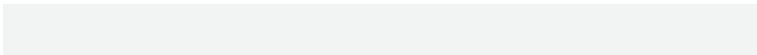
Harmonies

Analogous

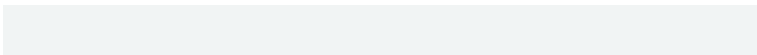
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9188, 89.8732, 96.8132



84.8040, 89.8732, 97.6716



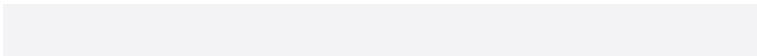
84.8544, 89.8732, 98.5849

Triad

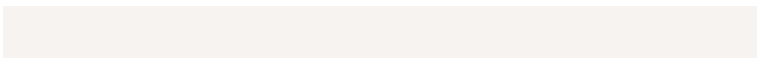
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8040, 89.8732, 97.6716



85.6757, 89.8732, 99.4942



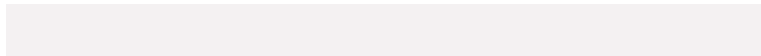
85.7879, 89.8732, 96.4204

Complementary

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



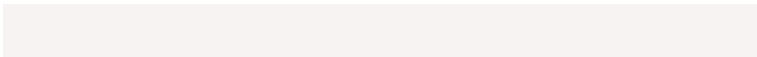
84.8040, 89.8732, 97.6716



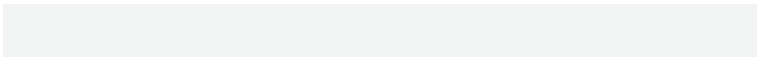
84.7939, 88.5569, 96.6330

Split Complementary

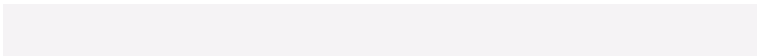
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9917, 89.8732, 97.1320



84.8040, 89.8732, 97.6716



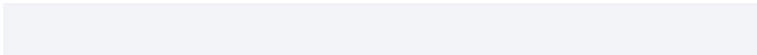
85.9268, 89.8732, 98.9075

Square

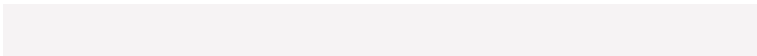
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



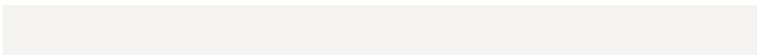
84.8040, 89.8732, 97.6716



85.3571, 89.8732, 99.6409



86.0426, 89.8732, 98.0419



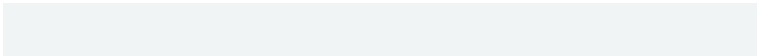
85.4864, 89.8732, 96.0938

Rectangle

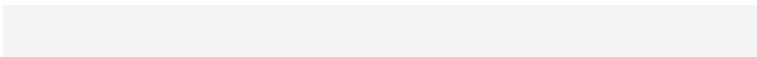
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



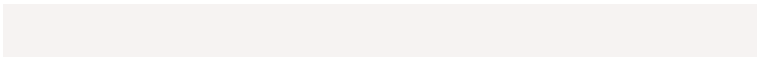
84.8040, 89.8732, 97.6716



84.9750, 89.8732, 99.1015



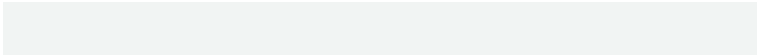
86.0426, 89.8732, 98.0419



85.8702, 89.8732, 96.6223

Sweetspot

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



84.8065, 89.8771, 97.6736

95.0500, 100.0000, 108.9000



84.8660, 89.9424, 96.1082



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.



84.8065, 89.8771, 97.6736



93.9811, 99.4648, 108.1353



84.8232, 89.6670, 98.4293



18.4309, 19.5001, 21.2019



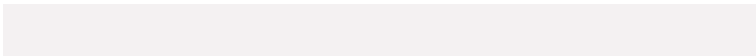
21.2242, 36.6345, 24.9984



1.9130, 3.2389, 2.4479

Inverse Universe

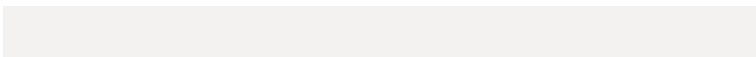
The Inverse Universe completely reimagines the original color for something new.



84.7939, 88.5569, 96.6330



93.9697, 98.2749, 107.1974



84.7770, 88.7638, 95.8854



18.4288, 19.2793, 21.0278



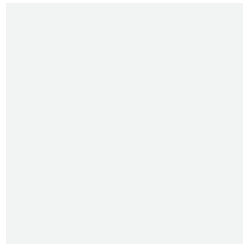
21.1617, 10.8081, 5.5598



1.9057, 0.9683, 0.7299

Previews

White Background



This preview shows how the XYZ color 84.8040, 89.8732, 97.6716 looks on a white background.

Color Contrast Check

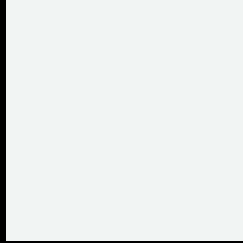
Large Text (above 18pt) WCAG AA × Fail

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 84.8040, 89.8732, 97.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

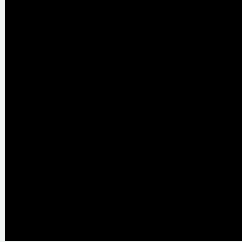
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

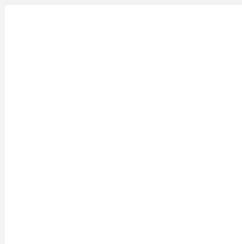
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8040, 89.8732, 97.6716

Background



This preview shows how black text looks on a background with the XYZ color 84.8040, 89.8732, 97.6716.



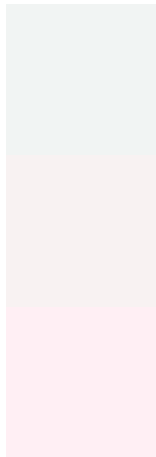
This preview shows how white text looks on a background with the XYZ color 84.8040, 89.8732,

97.6 16.

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

84.8040, 89.8732, 97.6716

Protanopia

86.4905, 89.8715, 96.7928

Deuteranopia

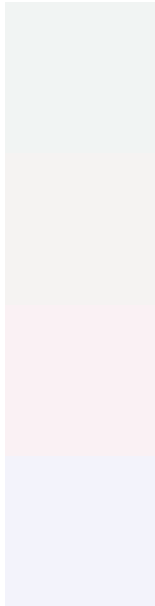
88.4356, 89.5247, 98.2069



Tritanopia

87.1104, 89.9574, 107.3800

Trichromacy



Original Color

84.8040, 89.8732, 97.6716

Protanomaly

85.7338, 89.9245, 96.8429

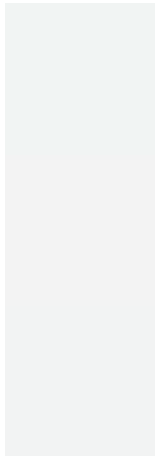
Deuteranomaly

87.2088, 89.7662, 98.3182

Tritanomaly

86.4253, 90.1209, 104.1068

Monochromacy



Original Color

84.8040, 89.8732, 97.6716

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.8462, 89.4495, 97.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8040, 89.8732, 97.6716 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(241, 244, 243) looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 243)  
}
```

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(241, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.8040, 89.8732, 97.6716 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(241, 244, 243) }
```

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

```
.border{ border-color:rgb(241, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 84.8040, 89.8732, 97.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 243) }
```

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

```
.background{ background-color: rgb(241,  
244, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor