

Converting Colors

XYZ(84.8993, 89.1787, 97.0392)

Have a look what the booklet for
XYZ(84.8993, 89.1787, 97.0392)
contains.

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Color

**XYZ(84.7413, 88.9698,
96.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2F2
RGB	243, 242, 242
RGB Percent	95%, 95%, 95%
CMY	0.0471, 0.0510, 0.0510
CMYK	0.00, 0.00, 0.00, 0.05
HSL	0°, 4%, 95%
HSV	0°, 0%, 95%
XYZ	84.7413, 88.9698, 96.7109
YIQ	242.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	243, 242, 242
Decimal	15987442
CIE _{Lab}	95.57, 0.34, 0.11
CIE _{LCh}	96, 0.354, 17.643
Yxy	88.9698, 0.3134, 0.3290
Android (android.graphics.Color)	4294177522 (0xFF3F2F2)
YUV	242.2990, -0.1474, 0.6148
Hunter-Lab	94.3238, -4.7008, 5.2362

Details

The XYZ color **84.7413, 88.9698, 96.7109** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8462, 89.4483, 97.5886**, and the grayscale version is **84.6379, 89.0456, 96.9707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9153, 49.2278, 53.4836** is the 20% darker color. If you saturate the color by 10%, you get **74.6004, 74.1451, 76.5046**, and if you desaturate by 10%, it is **90.7727, 97.7950, 108.6998**.

Distribution



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



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7413, 88.9698, 96.7109 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 84.7413, 88.9698, 96.7109 by changing the saturation by 10% instead.

84.7413, 88.9698,
96.7109

84.7413, 88.9698,
96.7109

499.2682,
524.6739, 570.7515

63.9494, 67.1265,
72.9550

138.9276,
145.9066, 158.6420

46.8712, 49.1875,
53.4476

173.0527,
181.7689, 197.6544

33.1414, 34.7682,
37.7700

212.3529,
223.0729, 242.5893

22.3945, 23.4844,
25.5038

257.1936,
270.2032, 293.8653

14.2653, 14.9516,
16.2304

307.9401,
323.5440, 351.9010

8.3884, 8.7854,
9.5312

364.9578,

4.3983, 4.6015,

383.4798, 417.1149

4.9877

428.6121,
450.3950, 489.9256

■ 1.9299, 2.0154,
2.1815

■ 0.5941, 0.6164,
0.6636

■ 84.7413, 88.9698,
96.7109

■ 84.7413, 88.9698,
96.7109

■ 74.6004, 74.1451,
76.5046

■ 90.7727, 97.7950,
108.6998

■ 65.8387, 61.3342,
59.0557

■ 58.3989, 50.4540,
44.2466

■ 52.2169, 41.4107,
31.9486

■ 47.2233, 34.1031,
22.0227

■ 43.3417, 28.4201,
14.3161

■ 40.4873, 24.2378,
8.6583

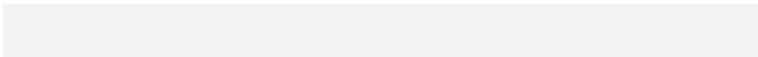
■ 38.5626, 21.4144,
4.8542

■ 37.4518, 19.7810,
2.6707

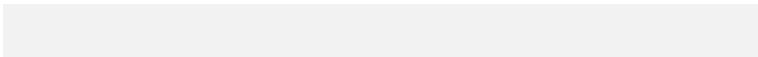
Harmonies

Analogous

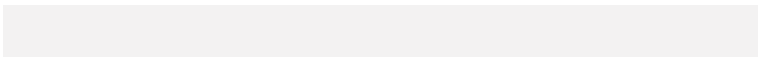
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7458, 88.9698, 96.9875



84.7413, 88.9698, 96.7109



84.6891, 88.9698, 96.4781

Triad

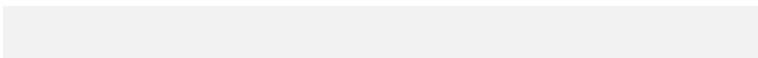
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7413, 88.9698, 96.7109



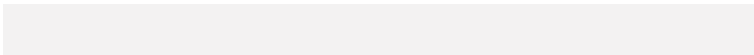
84.4251, 88.9698, 96.5129



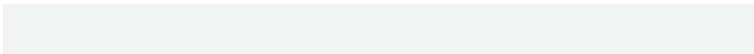
84.5231, 88.9698, 97.3966

Complementary

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



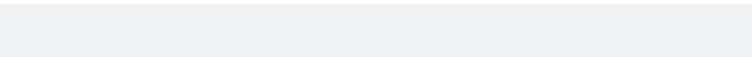
84.7413, 88.9698, 96.7109



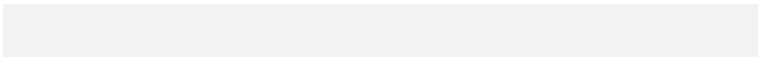
84.8462, 89.4483, 97.5886

Split Complementary

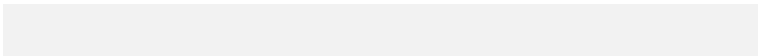
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4373, 88.9698, 97.2689



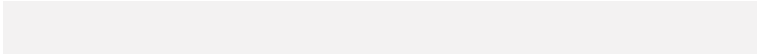
84.7413, 88.9698, 96.7109



84.3807, 88.9698, 96.7585

Square

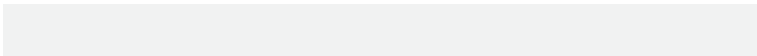
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



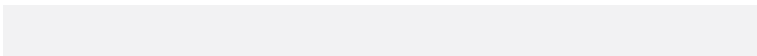
84.7413, 88.9698, 96.7109



84.5065, 88.9698, 96.3640



84.3852, 88.9698, 97.0353



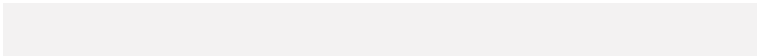
84.6198, 88.9698, 97.3838

Rectangle

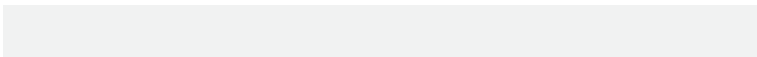
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



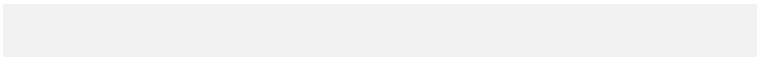
84.7413, 88.9698, 96.7109



84.6342, 88.9698, 96.3790



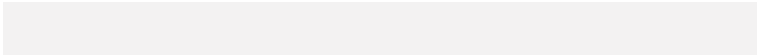
84.3852, 88.9698, 97.0353



84.4921, 88.9698, 97.3687

Sweetspot

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



84.7438, 88.9736, 96.7128

95.0500, 100.0000, 108.9000



84.8932, 89.0314, 97.5057



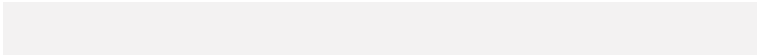
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

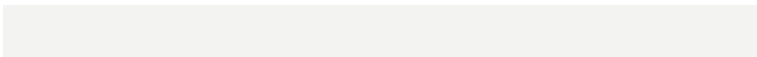
Same Dimension

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



84.7438, 88.9736, 96.7128

95.0500, 100.0000, 108.9000



84.8916, 89.2691, 96.7621



18.6292, 19.5994, 21.3438



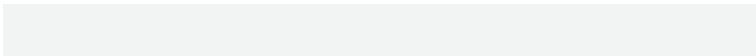
20.2947, 10.4751, 0.9522



1.7857, 0.9246, 0.0843

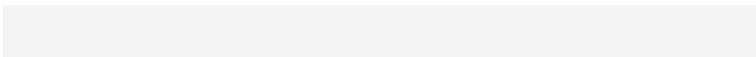
Inverse Universe

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



84.8462, 89.4483, 97.5886

95.0500, 100.0000, 108.9000



84.6980, 89.1520, 97.5392



18.6292, 19.5994, 21.3438



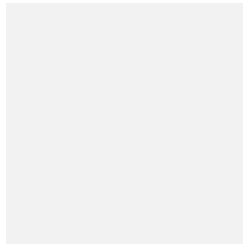
26.3031, 38.4000, 52.5637



2.3137, 3.3788, 4.6205

Previews

White Background



This preview shows how the XYZ color 84.7413, 88.9698, 96.7109 looks on a white background.

Color Contrast Check

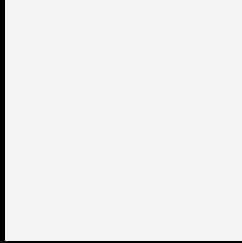
Large Text (above 18pt) WCAG AA × Fail

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 84.7413, 88.9698, 96.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

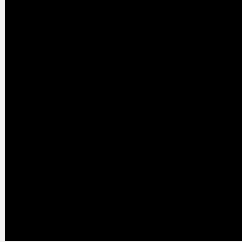
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

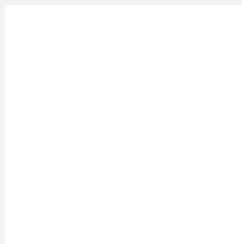
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7413, 88.9698, 96.7109

Background



This preview shows how black text looks on a background with the XYZ color 84.7413, 88.9698, 96.7109.



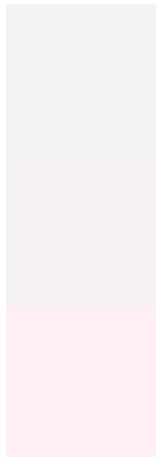
This preview shows how white text looks on a background with the XYZ color 84.7413, 88.9698,

96.7 09.

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

84.7413, 88.9698, 96.7109

Protanopia

85.3385, 88.8543, 95.8719

Deuteranopia

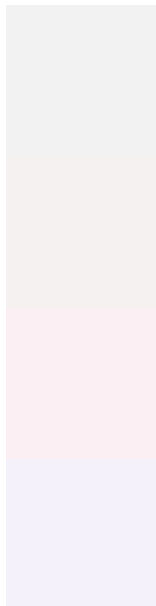
87.9922, 88.8801, 97.3119



Tritanopia

86.8663, 88.9527, 107.1990

Trichromacy



Original Color

84.7413, 88.9698, 96.7109

Protanomaly

84.9887, 88.6739, 95.8555

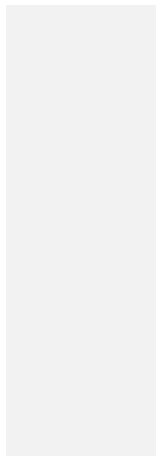
Deuteranomaly

86.8278, 88.7133, 97.3411

Tritanomaly

86.0188, 89.0458, 103.0964

Monochromacy



Original Color

84.7413, 88.9698, 96.7109

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3971, 88.7923, 96.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7413, 88.9698, 96.7109 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(243, 242, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 242)  
}
```

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(243, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.7413, 88.9698, 96.7109 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(243, 242, 242) }
```

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

```
.border{ border-color:rgb(243, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(243, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 84.7413, 88.9698, 96.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 242) }
```

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

```
.background{ background-color: rgb(243,  
242, 242) }
```

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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