

Converting Colors

XYZ(88.2900, 92.1845, 98.5922)

Have a look what the booklet for
XYZ(88.2900, 92.1845, 98.5922)
contains.

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Color

**XYZ(88.4059, 92.1605,
98.7172)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F4
RGB	250, 245, 244
RGB Percent	98%, 96%, 96%
CMY	0.0196, 0.0392, 0.0431
CMYK	0.00, 0.02, 0.02, 0.02
HSL	10°, 38%, 97%
HSV	10°, 2%, 98%
XYZ	88.4059, 92.1605, 98.7172
YIQ	246.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

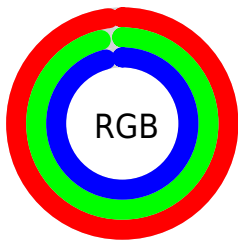
Format	Color
R_{YB}	250, 245, 244
Decimal	16446964
CIE _{Lab}	96.89, 1.50, 1.06
CIE _{LCh}	97, 1.833, 35.319
Yxy	92.1605, 0.3165, 0.3300
Android (android.graphics.Color)	4294637044 (0xFFFAF5F4)
YUV	246.3810, -1.1738, 3.1739
Hunter-Lab	96.0003, -3.6212, 6.2322

Details

The XYZ color 88.4059, 92.1605, 98.7172 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4392, 93.8852, 103.9041, and the grayscale version is 87.9154, 92.4938, 100.7258.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5228, 51.4954, 54.9064 is the 20% darker color. If you saturate the color by 10%, you get 78.9182, 78.8527, 78.0796, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

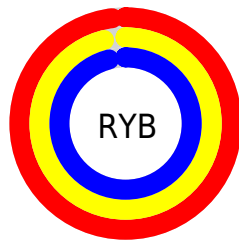
Distribution



Red (98%)

Green (96%)

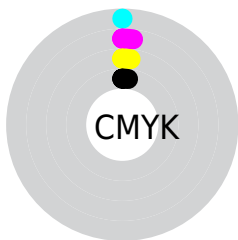
Blue (96%)



Red (98%)

Yellow (96%)

Blue (96%)

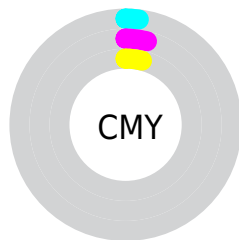


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4059, 92.1605, 98.7172 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 88.4059, 92.1605, 98.7172 by changing the saturation by 10% instead.

88.4059, 92.1605,
98.7172

88.4059, 92.1605,
98.7172

511.1471,
535.0341, 577.2835

66.9912, 69.7739,
74.6187

144.0118,
150.3358, 161.4297

49.3481, 51.3423,
54.8008

178.9336,
186.8934, 200.8808

35.1114, 36.4811,
38.8447

219.0886,
228.9434, 246.2865

23.9156, 24.8060,
26.3320

264.8420,
276.8703, 298.0654

15.3954, 15.9326,
16.8442

316.5591,
331.0584, 356.6360

9.1855, 9.4764,
9.9627

374.6055,

4.9204, 5.0532,

391.8921, 422.4169

5.2690

439.3464,
459.7559, 495.8265

■ 2.2349, 2.2785,
2.3444

■ 0.7611, 0.7623,
0.7559

■ 88.4059, 92.1605,
98.7172

■ 88.4059, 92.1605,
98.7172

■ 78.9182, 78.8527,
78.0796

■ 93.2349, 99.0643,
108.8151

■ 70.6073, 67.1087,
60.2716

■ 63.4293, 56.8746,
45.1715

■ 57.3344, 48.0887,
32.6462

■ 52.2692, 40.6851,
22.5512

■ 48.1755, 34.5928,
14.7278

■ 44.9893, 29.7343,
8.9984

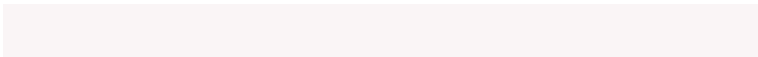
■ 42.6384, 26.0238,
5.1587

■ 41.0388, 23.3640,
2.9628

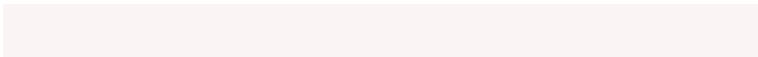
Harmonies

Analogous

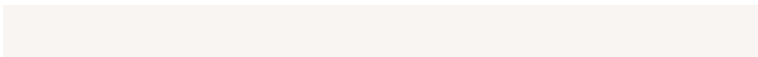
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5850, 92.1605, 100.0846



88.4059, 92.1605, 98.7172



88.0097, 92.1605, 97.7933

Triad

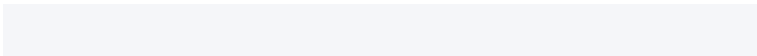
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4059, 92.1605, 98.7172



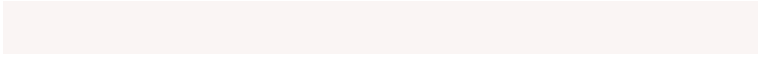
86.6995, 92.1605, 99.1681



87.6876, 92.1605, 103.1962

Complementary

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



88.4059, 92.1605, 98.7172



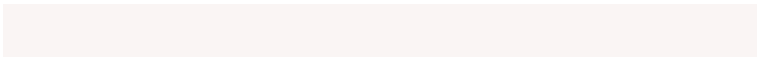
88.4392, 93.8852, 103.9041

Split Complementary

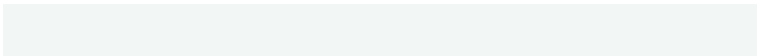
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1831, 92.1605, 102.9450



88.4059, 92.1605, 98.7172



86.6139, 92.1605, 100.6101

Square

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



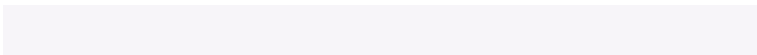
88.4059, 92.1605, 98.7172



87.0248, 92.1605, 98.0519



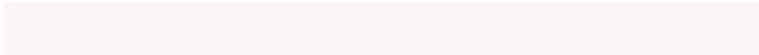
86.7906, 92.1605, 101.9949



88.1693, 92.1605, 102.6779

Rectangle

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



88.4059, 92.1605, 98.7172



87.6766, 92.1605, 97.5483



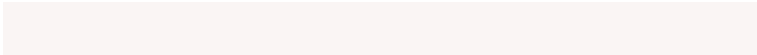
86.7906, 92.1605, 101.9949



87.5150, 92.1605, 103.1990

Sweetspot

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



88.4085, 92.1645, 98.7192



93.9685, 98.4897, 106.5275



88.8752, 91.8663, 102.6715



20.1245, 21.0968, 22.8263



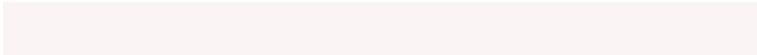
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.4085, 92.1645, 98.7192



91.8442, 95.5202, 101.8757



89.3222, 93.9918, 99.0238



18.6491, 19.3345, 20.5031



21.4174, 11.7914, 1.1471



2.0480, 1.2208, 0.1277

Inverse Universe

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



88.4392, 93.8852, 103.9041



91.8842, 97.7635, 108.6352



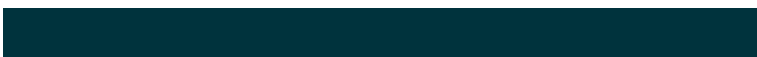
87.5206, 92.0482, 103.5980



18.6594, 19.9128, 22.2454



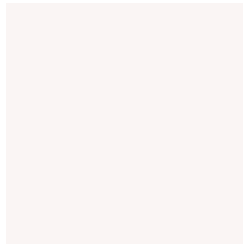
21.2289, 27.8134, 52.2232



2.0296, 2.7029, 4.8579

Previews

White Background



This preview shows how the XYZ color 88.4059, 92.1605, 98.7172 looks on a white background.

Color Contrast Check

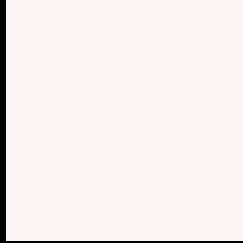
Large Text (above 18pt) WCAG AA × Fail

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 88.4059, 92.1605, 98.7172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

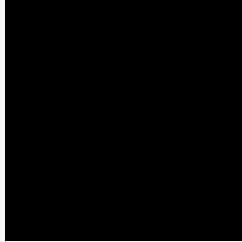
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

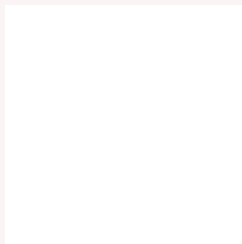
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4059, 92.1605, 98.7172

Background



This preview shows how black text looks on a background with the XYZ color 88.4059, 92.1605, 98.7172.



This preview shows how white text looks on a background with the XYZ color 88.4059, 92.1605,

98.772.

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

88.4059, 92.1605, 98.7172

Protanopia

88.7652, 92.3457, 98.7340

Deuteranopia

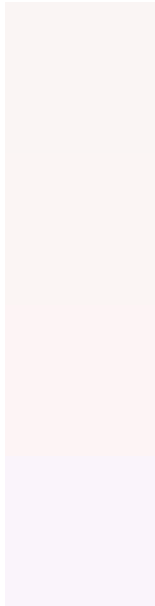
89.9251, 92.0150, 100.2099



Tritanopia

89.8250, 92.2454, 107.6786

Trichromacy



Original Color

88.4059, 92.1605, 98.7172

Protanomaly

88.7652, 92.3457, 98.7340

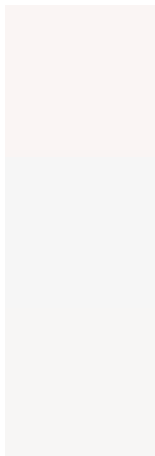
Deuteranomaly

89.3401, 92.1766, 99.4693

Tritanomaly

89.1876, 91.9904, 104.3220

Monochromacy



Original Color

88.4059, 92.1605, 98.7172

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7950, 92.2783, 99.5704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4059, 92.1605, 98.7172 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(250, 245, 244) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 244)  
}
```

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(250, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 88.4059, 92.1605, 98.7172 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(250, 245, 244) }
```


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

```
.border{ border-color:rgb(250, 245, 244) }
```

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

Here you see how a box with a 4 pixel rgb(250, 245, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4059, 92.1605, 98.7172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 244) }
```

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

```
.background{ background-color: rgb(250,  
245, 244) }
```

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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