

Converting Colors

XYZ(88.2944, 92.7427, 96.4763)

Have a look what the booklet for
XYZ(88.2944, 92.7427, 96.4763)
contains.

XYZ(88.2573, 92.5864, 96.4384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.2573, 92.5864,
96.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF6F1
RGB	250, 246, 241
RGB Percent	98%, 96%, 95%
CMY	0.0196, 0.0353, 0.0549
CMYK	0.00, 0.02, 0.04, 0.02
HSL	33°, 47%, 96%
HSV	33°, 4%, 98%
XYZ	88.2573, 92.5864, 96.4384
YIQ	246.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

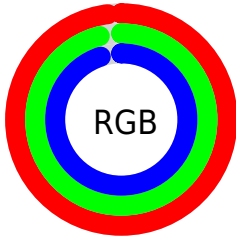
Format	Color
R _Y B	248, 250, 241
Decimal	16447217
CIE Lab	97.06, 0.47, 2.86
CIE LCh	97, 2.899, 80.601
Yxy	92.5864, 0.3183, 0.3339
Android (android.graphics.Color)	4294637297 (0xFFFAF6F1)
YUV	246.6260, -2.7736, 2.9590
Hunter-Lab	96.2218, -4.6631, 7.9318

Details

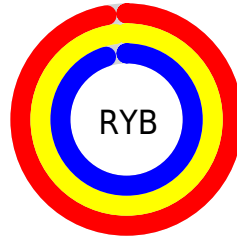
The XYZ color 88.2573, 92.5864, 96.4384 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.1834, 90.9065, 103.4480, and the grayscale version is 88.1262, 92.7156, 100.9673.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4185, 51.7990, 53.2925 is the 20% darker color. If you saturate the color by 10%, you get 81.5014, 84.6456, 77.0095, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

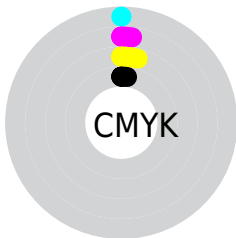
Distribution



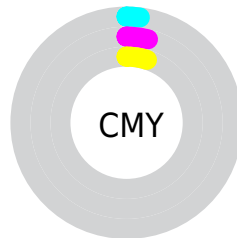
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (97%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2573, 92.5864, 96.4384 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 88.2573, 92.5864, 96.4384 by changing the saturation by 10% instead.

88.2573, 92.5864,
96.4384

88.2573, 92.5864,
96.4384

510.6683,
536.4089, 569.8612

66.8677, 70.1278,
72.7292

143.8060,
150.9259, 158.2629

49.2474, 51.6307,
53.2641

178.6958,
187.5755, 197.2154

35.0311, 36.7108,
37.6245

218.8164,
229.7243, 242.0861

23.8535, 24.9837,
25.3918

264.5331,
277.7566, 293.2935

15.3491, 16.0649,
16.1475

316.2113,
332.0568, 351.2562

9.1527, 9.5701,
9.4731

374.2163,

4.8988, 5.1149,

393.0093, 416.3927

4.9500

438.9135,
460.9985, 489.1215

■ 2.2222, 2.3148,
2.1598

■ 0.7544, 0.7815,
0.6510

■ 88.2573, 92.5864,
96.4384

■ 88.2573, 92.5864,
96.4384

■ 81.5014, 84.6456,
77.0095

■ 93.2349, 99.0643,
108.8151

■ 75.4331, 77.2940,
60.2346

■ 70.0290, 70.5197,
45.9978

■ 65.2618, 64.3056,
34.1723

■ 61.1016, 58.6339,
24.6204

■ 57.5160, 53.4852,
17.1900

■ 54.4687, 48.8385,
11.7103

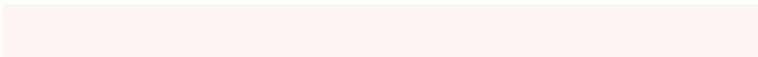
■ 51.9183, 44.6707,
7.9838

■ 49.8150, 40.9549,
5.7698

Harmonies

Analogous

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



89.0011, 92.5864, 97.3751



88.2573, 92.5864, 96.4384



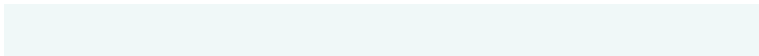
87.4492, 92.5864, 96.6592

Triad

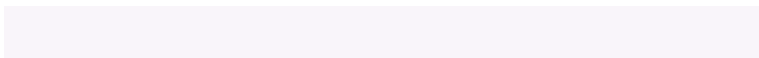
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2573, 92.5864, 96.4384



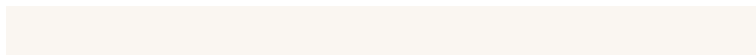
86.5388, 92.5864, 102.4017



89.2197, 92.5864, 103.6926

Complementary

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



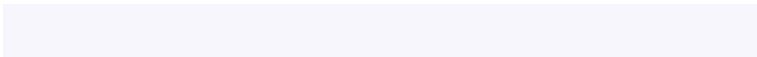
88.2573, 92.5864, 96.4384



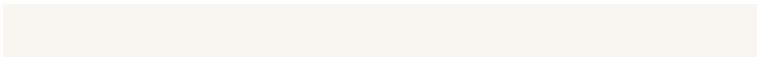
86.1834, 90.9065, 103.4480

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.



88.5543, 92.5864, 105.0797



88.2573, 92.5864, 96.4384



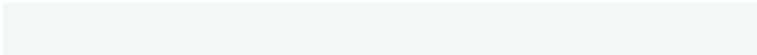
87.0076, 92.5864, 104.3265

Square

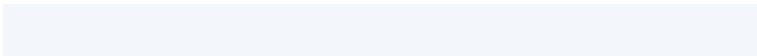
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



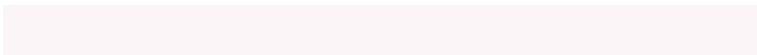
88.2573, 92.5864, 96.4384



86.4603, 92.5864, 100.0782



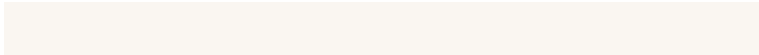
87.7444, 92.5864, 105.3135



89.5591, 92.5864, 101.5471

Rectangle

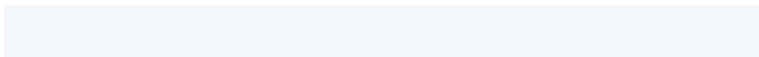
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



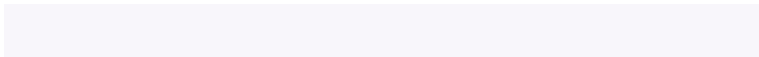
88.2573, 92.5864, 96.4384



86.9825, 92.5864, 97.4344



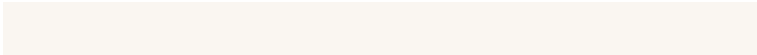
87.7444, 92.5864, 105.3135



89.0266, 92.5864, 104.2644

Sweetspot

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



88.2599, 92.5904, 96.4404



94.2820, 99.1167, 106.6320



87.3700, 89.8316, 99.1619



20.1883, 21.2244, 22.8475



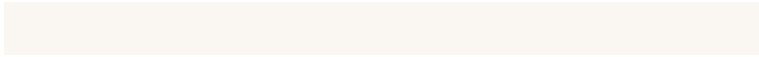
0.0000, 0.0000, 0.0000



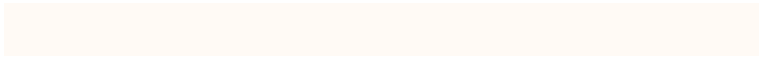
20.3446, 21.4041, 23.3091

Same Dimension

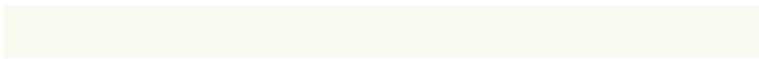
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2599, 92.5904, 96.4404



92.0233, 96.5051, 100.0034



89.3273, 94.9643, 96.8424



18.7433, 19.6434, 20.1629



25.9559, 20.8684, 2.6600



2.5097, 2.1442, 0.2816

Inverse Universe

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



86.1834, 90.9065, 103.4480



89.6137, 94.5511, 108.1348



85.1414, 88.5942, 103.0566



18.1608, 19.1711, 22.1285



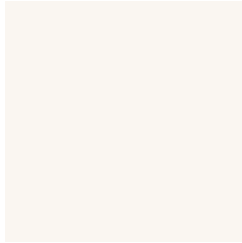
12.3056, 9.9669, 49.2488



1.2436, 1.1308, 4.5959

Previews

White Background



This preview shows how the XYZ color 88.2573, 92.5864, 96.4384 looks on a white background.

Color Contrast Check

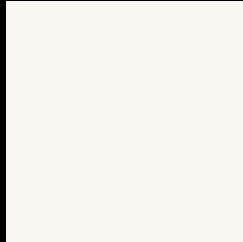
Large Text (above 18pt) WCAG AA × Fail

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 88.2573, 92.5864, 96.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

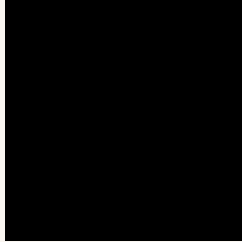
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

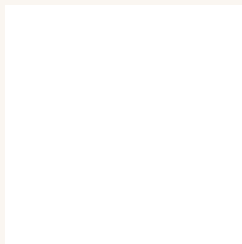
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2573, 92.5864, 96.4384

Background



This preview shows how black text looks on a background with the XYZ color 88.2573, 92.5864, 96.4384.

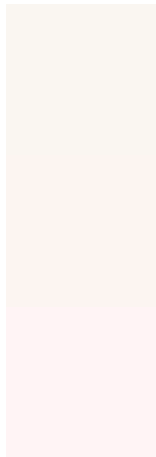


This preview shows how white text looks on a background with the XYZ color 88.2573, 92.5864,

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

88.2573, 92.5864, 96.4384

Protanopia

88.6745, 92.3511, 96.3710

Deuteranopia

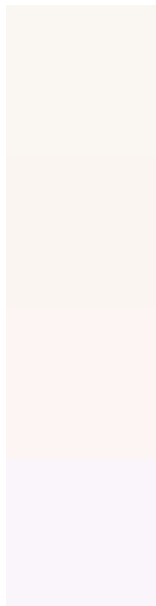
90.0721, 92.5539, 99.5036



Tritanopia

90.1267, 92.8488, 107.7792

Trichromacy



Original Color

88.2573, 92.5864, 96.4384

Protanomaly

88.3133, 92.1649, 96.3541

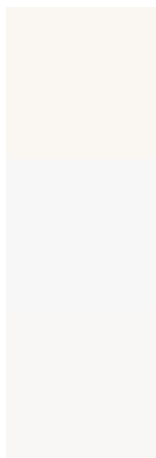
Deuteranomaly

89.4896, 92.7191, 98.7679

Tritanomaly

89.3321, 92.5309, 103.5944

Monochromacy



Original Color

88.2573, 92.5864, 96.4384

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4536, 93.0706, 99.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2573, 92.5864, 96.4384 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, 246, 241) looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 241)  
}
```

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, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 241) }
```

Border

The CSS property to change the border of an element to XYZ 88.2573, 92.5864, 96.4384 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, 246, 241) }
```


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

```
.border{ border-color:rgb(250, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2573, 92.5864, 96.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 241) }
```

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

```
.background{ background-color: rgb(250,  
246, 241) }
```

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