

Converting Colors

XYZ(87.7829, 91.6060, 98.9730)

Have a look what the booklet for
XYZ(87.7829, 91.6060, 98.9730)
contains.

XYZ(88.0485, 91.9762, 98.7005)	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(88.0485, 91.9762,
98.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F5F4
RGB	249, 245, 244
RGB Percent	98%, 96%, 96%
CMY	0.0235, 0.0392, 0.0431
CMYK	0.00, 0.02, 0.02, 0.02
HSL	12°, 29%, 97%
HSV	12°, 2%, 98%
XYZ	88.0485, 91.9762, 98.7005
YIQ	246.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

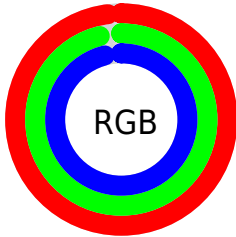
Format	Color
R _Y B	249, 245, 244
Decimal	16381428
CIE Lab	96.81, 1.16, 0.94
CIE LCh	97, 1.495, 39.005
Yxy	91.9762, 0.3159, 0.3300
Android (android.graphics.Color)	4294571508 (0xFF9F5F4)
YUV	246.0820, -1.0264, 2.5591
Hunter-Lab	95.9042, -3.9537, 6.1142

Details

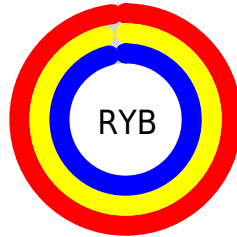
The XYZ color 88.0485, 91.9762, 98.7005 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9746, 93.2063, 102.9778, and the grayscale version is 87.6725, 92.2383, 100.4475.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2670, 51.3635, 54.8944 is the 20% darker color. If you saturate the color by 10%, you get 78.8211, 79.1678, 78.2146, and if you desaturate by 10%, it is 92.8775, 98.8800, 108.7983.

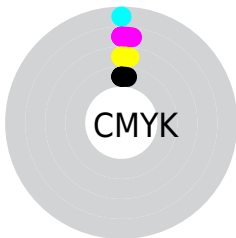
Distribution



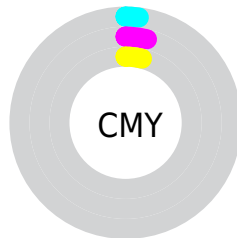
- Red (98%)
- Green (96%)
- Blue (96%)



- 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 88.0485, 91.9762, 98.7005 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 88.0485, 91.9762, 98.7005 by changing the saturation by 10% instead.

88.0485, 91.9762,
98.7005

88.0485, 91.9762,
98.7005

509.9951,
534.4386, 577.2293

66.6942, 69.6209,
74.6049

143.5169,
150.0804, 161.4065

49.1059, 51.2175,
54.7895

178.3616,
186.5981, 200.8540

34.9184, 36.3817,
38.8357

218.4338,
228.6053, 246.2558

23.7662, 24.7292,
26.3251

264.0989,
276.4865, 298.0305

15.2841, 15.8754,
16.8391

315.7222,
330.6260, 356.5967

9.1066, 9.4360,
9.9591

373.6691,

4.8685, 5.0267,

391.4082, 422.3729

5.2666

438.3050,
459.2177, 495.7776

■ 2.2043, 2.2629,
2.3430

■ 0.7450, 0.7540,
0.7552

■ 88.0485, 91.9762,
98.7005

■ 88.0485, 91.9762,
98.7005

■ 78.8211, 79.1678,
78.2146

■ 92.8775, 98.8800,
108.7983

■ 70.7086, 67.8058,
60.5187

■ 63.6706, 57.8426,
45.4935

■ 57.6611, 49.2236,
33.0086

■ 52.6307, 41.8906,
22.9227

■ 48.5259, 35.7809,
15.0804

■ 45.2877, 30.8268,
9.3082

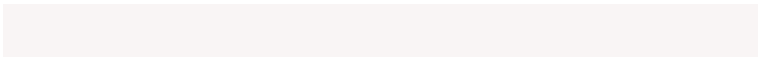
■ 42.8500, 26.9533,
5.4066

■ 41.1359, 24.0762,
3.1362

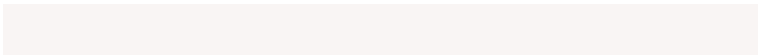
Harmonies

Analogous

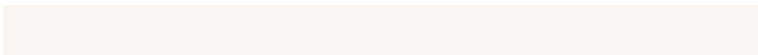
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2192, 91.9762, 99.7855



88.0485, 91.9762, 98.7005



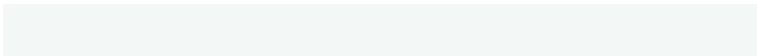
87.7097, 91.9762, 98.0066

Triad

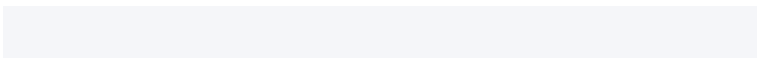
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0485, 91.9762, 98.7005



86.6702, 91.9762, 99.3216



87.5469, 91.9762, 102.4439

Complementary

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



88.0485, 91.9762, 98.7005



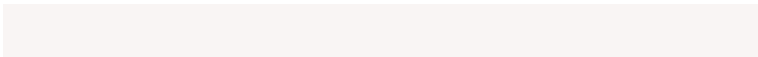
87.9746, 93.2063, 102.9778

Split Complementary

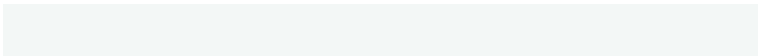
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1321, 91.9762, 102.3172



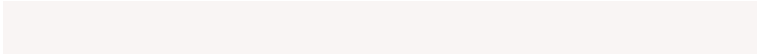
88.0485, 91.9762, 98.7005



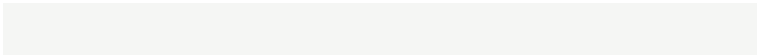
86.6269, 91.9762, 100.5082

Square

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



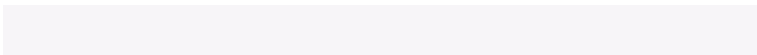
88.0485, 91.9762, 98.7005



86.9143, 91.9762, 98.3632



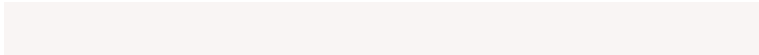
86.7957, 91.9762, 101.6064



87.9289, 91.9762, 101.9511

Rectangle

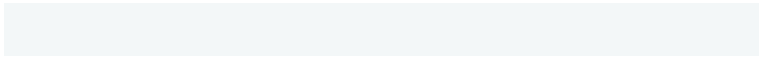
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0485, 91.9762, 98.7005



87.4346, 91.9762, 97.8560



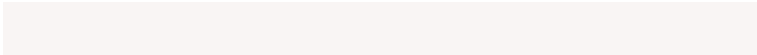
86.7957, 91.9762, 101.6064



87.4066, 91.9762, 102.4724

Sweetspot

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



88.0511, 91.9802, 98.7025



93.9954, 98.5435, 106.5365



88.3623, 91.6199, 101.8355



20.1300, 21.1077, 22.8281



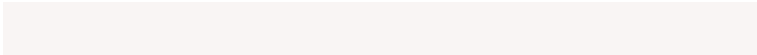
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.0511, 91.9802, 98.7025



92.9532, 97.1029, 104.2039



88.8113, 93.5006, 98.9559



19.0681, 19.9268, 21.4005



21.6017, 12.1601, 1.2086



2.0718, 1.2685, 0.1356

Inverse Universe

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



87.9746, 93.2063, 102.9778



92.8726, 98.3938, 108.7047



87.2124, 91.6819, 102.7237



19.0525, 20.1779, 22.2758



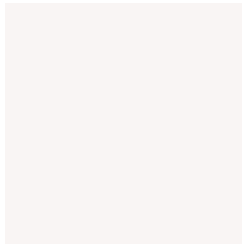
20.1878, 25.7311, 51.8761



1.9422, 2.5281, 4.8288

Previews

White Background



This preview shows how the XYZ color 88.0485, 91.9762, 98.7005 looks on a white background.

Color Contrast Check

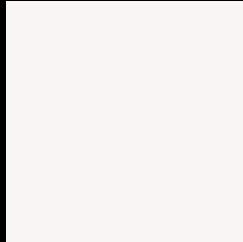
Large Text (above 18pt) WCAG AA × Fail

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 88.0485, 91.9762, 98.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

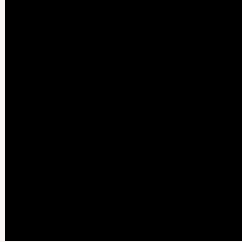
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

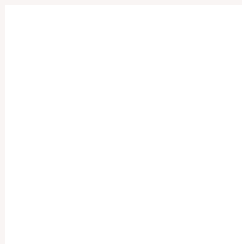
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0485, 91.9762, 98.7005

Background



This preview shows how black text looks on a background with the XYZ color 88.0485, 91.9762, 98.7005.



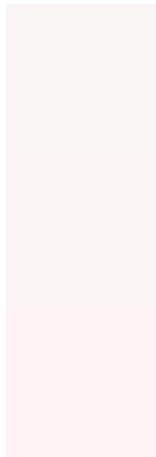
This preview shows how white text looks on a background with the XYZ color 88.0485, 91.9762,

98.705.

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

88.0485, 91.9762, 98.7005

Protanopia

88.4059, 92.1605, 98.7172

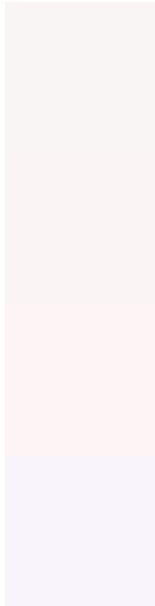
Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

89.4676, 92.0611, 107.6619

Trichromacy



Original Color

88.0485, 91.9762, 98.7005

Protanomaly

88.4059, 92.1605, 98.7172

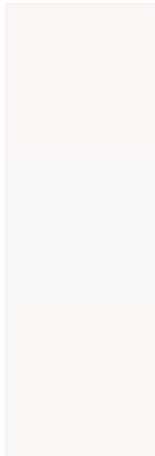
Deuteranomaly

89.3401, 92.1766, 99.4693

Tritanomaly

88.8302, 91.8061, 104.3053

Monochromacy



Original Color

88.0485, 91.9762, 98.7005

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 88.0485, 91.9762, 98.7005 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(249, 245, 244) looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 88.0485, 91.9762, 98.7005 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(249, 245, 244) }
```


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

```
.border{ border-color:rgb(249, 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(249, 245, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0485, 91.9762, 98.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 244) }
```

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

```
.background{ background-color: rgb(249,  
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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