

Converting Colors

XYZ(86.5428, 92.4403, 82.3480)

Have a look what the booklet for
XYZ(86.5428, 92.4403, 82.3480)
contains.

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Color

**XYZ(86.5905, 92.4909,
82.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF7DE
RGB	252, 247, 222
RGB Percent	99%, 97%, 87%
CMY	0.0118, 0.0313, 0.1294
CMYK	0.00, 0.02, 0.12, 0.01
HSL	50°, 83%, 93%
HSV	50°, 12%, 99%
XYZ	86.5905, 92.4909, 82.3960
YIQ	245.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

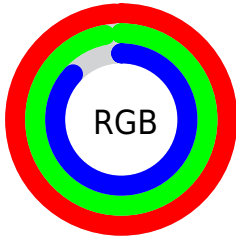
Format	Color
R _Y B	228, 252, 222
Decimal	16578526
CIE Lab	97.02, -2.45, 12.61
CIE LCh	97, 12.844, 100.993
Yxy	92.4909, 0.3312, 0.3537
Android (android.graphics.Color)	4294768606 (0xFFFCF7DE)
YUV	245.6450, -11.6570, 5.5733
Hunter-Lab	96.1722, -7.5854, 16.5235

Details

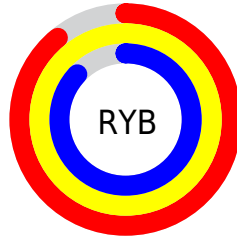
The XYZ color **86.5905, 92.4909, 82.3960** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1639, 77.4947, 103.0928**, and the grayscale version is **87.3977, 91.9492, 100.1327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1115, 51.6537, 43.9936** is the 20% darker color. If you saturate the color by 10%, you get **82.1945, 88.7054, 65.4941**, and if you desaturate by 10%, it is **91.5253, 96.5442, 101.9703**.

Distribution



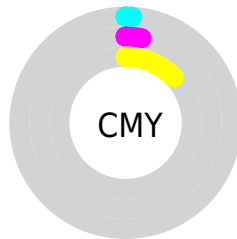
- Red (99%)
- Green (97%)
- Blue (87%)



- Red (89%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5905, 92.4909, 82.3960 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 86.5905, 92.4909, 82.3960 by changing the saturation by 10% instead.


 86.5905, 92.4909,
82.3960

 86.5905, 92.4909,
82.3960


505.2811,
536.1008, 522.8895

 65.4833, 70.0484,
61.1543


141.4958,
150.7936, 138.5708

 48.1192, 51.5660,
43.9183


176.0246,
187.4226, 174.3411

 34.1330, 36.6593,
30.2696


215.7580,
229.5492, 215.7912

 23.1591, 24.9438,
19.7895

261.0613,
277.5579, 263.3398

 14.8324, 16.0352,
12.0596

312.3000,
331.8330, 317.4054

 8.7874, 9.5491,
6.6612

369.8392,

 4.6588, 5.1010,

392.7589, 378.4065

3.1759

434.0445,
460.7200, 446.7617

■ 2.0812, 2.3066,
1.1852

■ 0.6789, 0.7772,
0.0000

■ 86.5905, 92.4909,
82.3960

■ 86.5905, 92.4909,
82.3960

■ 82.1945, 88.7054,
65.4941

■ 91.5253, 96.5442,
101.9703

■ 78.3072, 85.1663,
51.1410

■ 93.9553, 99.4357,
108.8488

■ 74.9070, 81.8676,
39.2122

■ 71.9676, 78.7986,
29.5706

■ 69.4602, 75.9473,
22.0650

■ 67.3525, 73.3006,
16.5264

■ 65.6074, 70.8433,
12.7600

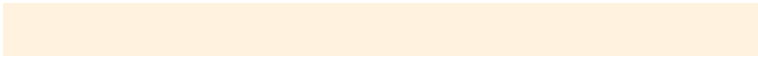
■ 64.1799, 68.5571,
10.5309

■ 63.2022, 66.8095,
9.5644

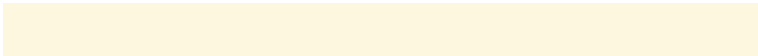
Harmonies

Analogous

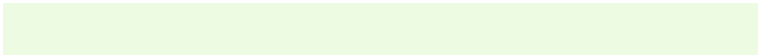
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1939, 92.4909, 83.0277



86.5905, 92.4909, 82.3960



83.4270, 92.4909, 86.4116

Triad

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



86.5905, 92.4909, 82.3960



82.7653, 92.4909, 114.3428



94.6493, 92.4909, 107.3326

Complementary

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



86.5905, 92.4909, 82.3960



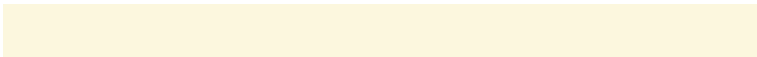
75.1639, 77.4947, 103.0928

Split Complementary

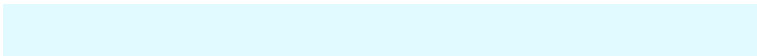
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5504, 92.4909, 116.4978



86.5905, 92.4909, 82.3960



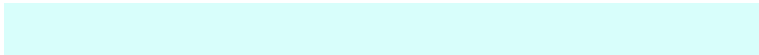
85.6647, 92.4909, 120.7328

Square

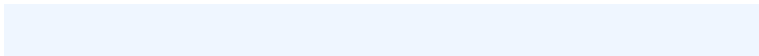
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5905, 92.4909, 82.3960



81.2592, 92.4909, 104.5523



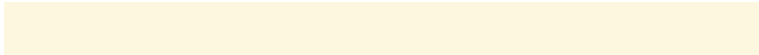
89.2425, 92.4909, 121.5475



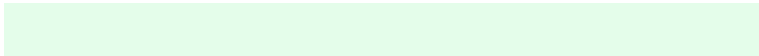
94.9138, 92.4909, 96.9569

Rectangle

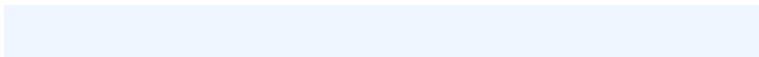
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5905, 92.4909, 82.3960



81.9678, 92.4909, 91.3558



89.2425, 92.4909, 121.5475



94.1323, 92.4909, 110.6752

Sweetspot

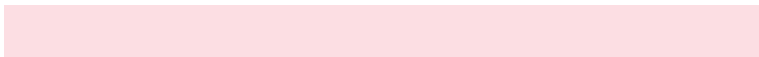
The Sweet Spot groups the original color and five complimentary colors.



86.5930, 92.4950, 82.3980



92.9115, 98.2815, 100.2995



80.1325, 78.4854, 83.6001



19.8030, 20.9682, 21.1329



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.



86.5930, 92.4950, 82.3980



87.9587, 94.1762, 80.7670



84.6143, 93.7730, 82.7490



18.4670, 19.6698, 18.2857



33.0164, 34.9895, 5.0135



3.1211, 3.3670, 0.4854

Inverse Universe

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



75.1639, 77.4947, 103.0928



74.3450, 76.3092, 105.4185



76.9719, 76.4280, 102.7916



16.5165, 17.1098, 21.8173



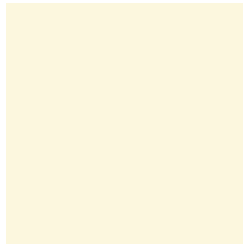
9.6538, 4.6631, 48.3648



0.9583, 0.5603, 4.5008

Previews

White Background



This preview shows how the XYZ color 86.5905, 92.4909, 82.3960 looks on a white background.

Color Contrast Check

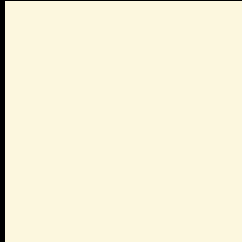
Large Text (above 18pt) WCAG AA × Fail

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 86.5905, 92.4909, 82.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

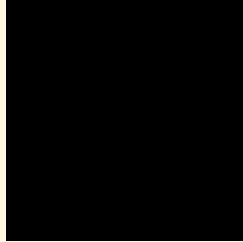
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5905, 92.4909, 82.3960

Background



This preview shows how black text looks on a background with the XYZ color 86.5905, 92.4909, 82.3960.



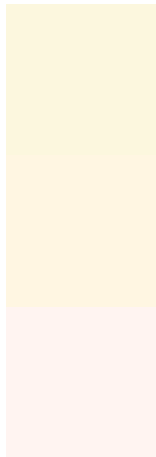
This preview shows how white text looks on a background with the XYZ color 86.5905, 92.4909,

82.3960.

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

86.5905, 92.4909, 82.3960

Protanopia

87.9232, 92.6625, 85.2031

Deuteranopia

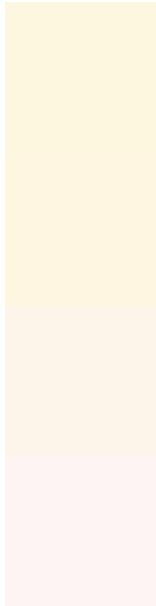
89.4679, 92.3122, 96.3217



Tritanopia

90.6086, 92.2038, 107.6293

Trichromacy



Original Color

86.5905, 92.4909, 82.3960

Protanomaly

87.4194, 92.4186, 84.4652

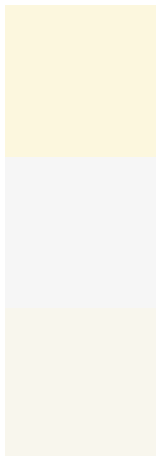
Deuteranomaly

88.3767, 92.3162, 91.0027

Tritanomaly

89.0364, 92.0551, 97.8697

Monochromacy



Original Color

86.5905, 92.4909, 82.3960

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.9532, 91.9824, 93.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5905, 92.4909, 82.3960 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(252, 247, 222) looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 222)  
}
```

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(252, 247, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 222) }
```

Border

The CSS property to change the border of an element to XYZ 86.5905, 92.4909, 82.3960 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(252, 247, 222) }
```


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

```
.border{ border-color:rgb(252, 247, 222) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5905, 92.4909, 82.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 222) }
```

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

```
.background{ background-color: rgb(252,  
247, 222) }
```

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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