

Converting Colors

XYZ(85.6765, 92.8902, 70.8899)

Have a look what the booklet for
XYZ(85.6765, 92.8902, 70.8899)
contains.

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Color

**XYZ(85.4599, 92.6134,
71.1296)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FEF8CD |
| RGB | 254, 248, 205 |
| RGB Percent | 100%, 97%, 80% |
| CMY | 0.0039, 0.0274, 0.1961 |
| CMYK | 0.00, 0.02, 0.19, 0.00 |
| HSL | 53°, 96%, 90% |
| HSV | 53°, 19%, 100% |
| XYZ | 85.4599, 92.6134, 71.1296 |
| YIQ | 244.8920, 17.3790, -12.1010 |

Conversions

Conversions Part 2

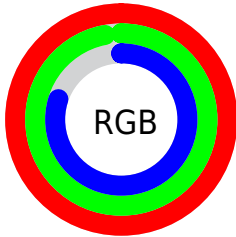
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 254, 205 |
| Decimal | 16709837 |
| CIE _{Lab} | 97.07, -4.78, 21.41 |
| CIE _{LCh} | 97, 21.939, 102.593 |
| Yxy | 92.6134, 0.3429, 0.3716 |
| Android (android.graphics.Color) | 4294899917 (0xFFFEF8CD) |
| YUV | 244.8920, -19.6668, 7.9877 |
| Hunter-Lab | 96.2359, -9.9002, 23.5428 |

Details

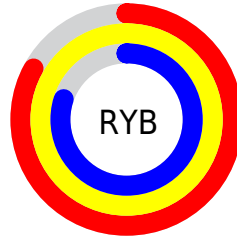
The XYZ color **85.4599, 92.6134, 71.1296** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.3603, 66.7220, 103.1476**, and the grayscale version is **86.8497, 91.3726, 99.5048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4615, 51.8040, 36.7758** is the 20% darker color. If you saturate the color by 10%, you get **81.6929, 89.5937, 55.9554**, and if you desaturate by 10%, it is **89.7455, 95.8722, 88.9345**.

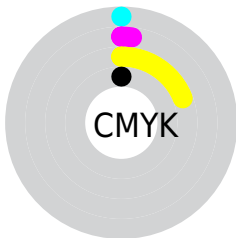
Distribution



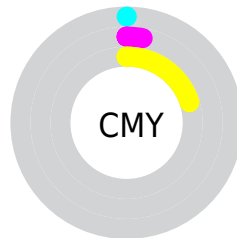
- Red (100%)
- Green (97%)
- Blue (80%)



- Red (83%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4599, 92.6134, 71.1296 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 85.4599, 92.6134, 71.1296 by changing the saturation by 10% instead.

 85.4599, 92.6134,
71.1296

 85.4599, 92.6134,
71.1296


501.6094,
536.4960, 483.4022

 64.5452, 70.1502,
51.9655


139.9263,
150.9633, 122.5144

 47.3557, 51.6490,
36.5955


174.2087,
187.6187, 155.5722

 33.5261, 36.7254,
24.6011


213.6777,
229.7738, 194.0983

 22.6909, 24.9949,
15.5638

258.6986,
277.8127, 238.5112

 14.4849, 16.0733,
9.0650

309.6370,
332.1200, 289.2295

 8.5426, 9.5760,
4.6862

366.8579,

 4.4988, 5.1188,

393.0801, 346.6718

2.0089

430.7270,
461.0773, 411.2565

■ 1.9880, 2.3171,
0.5607

■ 0.6272, 0.7827,
0.0000

■ 85.4599, 92.6134,
71.1296

■ 85.4599, 92.6134,
71.1296

■ 81.6929, 89.5937,
55.9554

■ 89.7455, 95.8722,
88.9345

■ 78.4130, 86.7910,
43.2797

■ 94.4353, 99.3150,
108.8002

■ 75.5967, 84.1989,
32.9675

■ 94.6833, 99.8110,
108.8828

■ 73.2154, 81.8058,
24.8692

■ 71.2374, 79.5989,
18.8176

■ 69.6264, 77.5635,
14.6219

■ 68.3391, 75.6823,
12.0555

■ 67.3102, 73.9290,
10.7738

■ 67.2414, 73.8072,
10.7022

Harmonies

Analogous

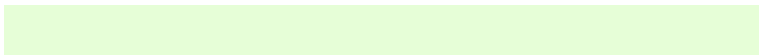
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6307, 92.6134, 71.7178



85.4599, 92.6134, 71.1296



80.2235, 92.6134, 77.7958

Triad

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



85.4599, 92.6134, 71.1296



79.5616, 92.6134, 125.6809



99.8637, 92.6134, 111.3721

Complementary

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



85.4599, 92.6134, 71.1296



66.3603, 66.7220, 103.1476

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.



96.3192, 92.6134, 128.0377



85.4599, 92.6134, 71.1296



84.5176, 92.6134, 136.9397

Square

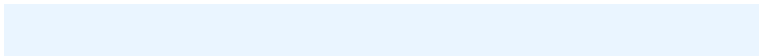
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4599, 92.6134, 71.1296



76.9268, 92.6134, 108.4463



90.6435, 92.6134, 137.8495



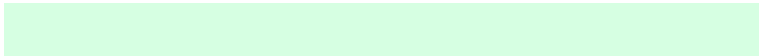
100.1451, 92.6134, 93.5984

Rectangle

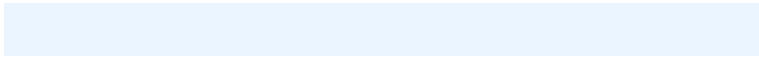
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4599, 92.6134, 71.1296



77.8891, 92.6134, 85.9665



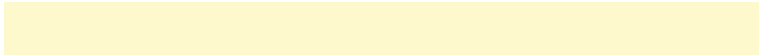
90.6435, 92.6134, 137.8495



99.0069, 92.6134, 117.3377

Sweetspot

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



85.4623, 92.6175, 71.1316



92.0894, 97.8650, 96.2408



74.5302, 69.4647, 71.4603



19.6445, 20.8985, 20.3177



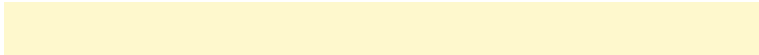
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

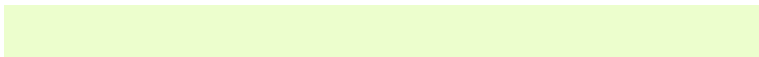
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4623, 92.6175, 71.1316



84.7573, 92.2887, 65.7800



81.0653, 93.1307, 71.4624



19.3604, 20.6890, 19.1173



35.5243, 39.0598, 5.6670



3.5099, 3.9052, 0.5688

Inverse Universe

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



66.3603, 66.7220, 103.1476



62.3863, 61.9631, 103.2797



70.1430, 66.5024, 102.9058



17.1820, 17.7356, 22.7677



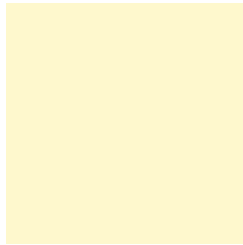
9.7459, 4.4013, 49.7705



1.0030, 0.5366, 4.8640

Previews

White Background



This preview shows how the XYZ color 85.4599, 92.6134, 71.1296 looks on a white background.

Color Contrast Check

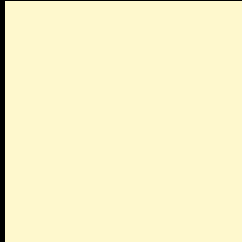
Large Text (above 18pt) WCAG AA × Fail

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 85.4599, 92.6134, 71.1296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

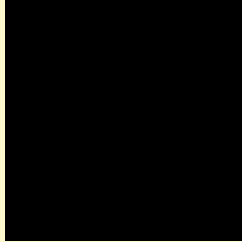
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4599, 92.6134, 71.1296

Background



This preview shows how black text looks on a background with the XYZ color 85.4599, 92.6134, 71.1296.



This preview shows how white text looks on a background with the XYZ color 85.4599, 92.6134,

71.1296.

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

85.4599, 92.6134, 71.1296

Protanopia

87.3806, 92.4455, 82.3455

Deuteranopia

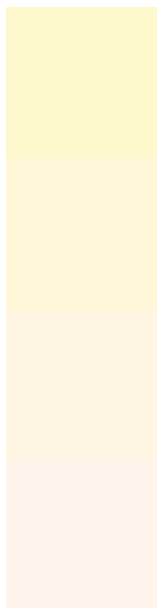
89.4724, 92.7968, 94.8572



Tritanopia

91.1800, 92.5169, 106.8178

Trichromacy



Original Color

85.4599, 92.6134, 71.1296

Protanomaly

86.8954, 92.7394, 78.2864

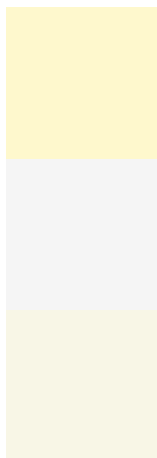
Deuteranomaly

88.0609, 92.7176, 85.9280

Tritanomaly

89.0327, 92.6209, 92.5420

Monochromacy



Original Color

85.4599, 92.6134, 71.1296

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9501, 91.5812, 88.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4599, 92.6134, 71.1296 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(254, 248, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 205)  
}
```

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(254, 248, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 205) }
```

Border

The CSS property to change the border of an element to XYZ 85.4599, 92.6134, 71.1296 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(254, 248, 205) }
```


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

```
.border{ border-color:rgb(254, 248, 205) }
```

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

Here you see how a box with a 4 pixel rgb(254, 248, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4599, 92.6134, 71.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 205) }
```

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

```
.background{ background-color: rgb(254,  
248, 205) }
```

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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