

Converting Colors

XYZ(84.0797, 89.5499, 75.1423)

Have a look what the booklet for
XYZ(84.0797, 89.5499, 75.1423)
contains.

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Color

**XYZ(84.0791, 89.5501,
75.1408)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF3D4
RGB	252, 243, 212
RGB Percent	99%, 95%, 83%
CMY	0.0118, 0.0470, 0.1686
CMYK	0.00, 0.04, 0.16, 0.01
HSL	47°, 87%, 91%
HSV	47°, 16%, 99%
XYZ	84.0791, 89.5501, 75.1408
YIQ	242.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

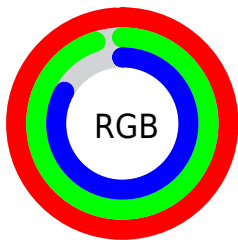
Format	Color
RYB	224, 252, 212
Decimal	16577492
CIELab	95.81, -1.96, 16.04
CIElCh	96, 16.155, 96.978
Yxy	89.5501, 0.3380, 0.3600
Android (android.graphics.Color)	4294767572 (0xFFFCF3D4)
YUV	242.1570, -14.8674, 8.6323
Hunter-Lab	94.6309, -7.0077, 19.1630

Details

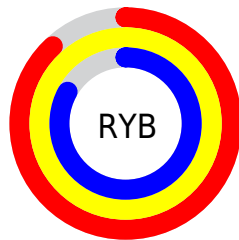
The XYZ color **84.0791, 89.5501, 75.1408** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.5782, 72.7366, 102.4157**, and the grayscale version is **84.6300, 89.0373, 96.9616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3618, 49.5771, 39.0241** is the 20% darker color. If you saturate the color by 10%, you get **79.4762, 85.0402, 59.1281**, and if you desaturate by 10%, it is **89.2354, 94.3712, 93.7878**.

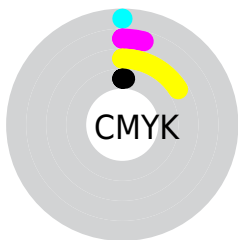
Distribution



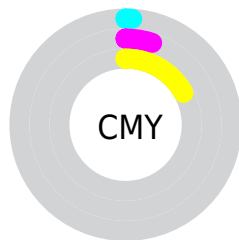
- Red (99%)
- Green (95%)
- Blue (83%)



- Red (88%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0791, 89.5501, 75.1408 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 84.0791, 89.5501, 75.1408 by changing the saturation by 10% instead.


 84.0791, 89.5501,
75.1408

 84.0791, 89.5501,
75.1408


497.1056,
526.5663, 497.6697

 63.4007, 67.6076,
55.2258


138.0065,
146.7133, 128.2606

 46.4253, 49.5785,
39.1827


171.9862,
182.7028, 162.3025

 32.7876, 35.0786,
26.5930


211.1304,
224.1433, 201.8904

 22.1222, 23.7235,
17.0380

255.8043,
271.4193, 247.4429

 14.0639, 15.1286,
10.0994

306.3735,
324.9153, 299.3786

 8.2471, 8.9097,
5.3584

363.2032,

 4.3066, 4.6823,

385.0155, 358.1159

2.3967

426.6587,
452.1043, 424.0734

■ 1.8770, 2.0621,
0.7846

■ 0.5634, 0.6432,
0.0000

■ 84.0791, 89.5501,
75.1408

■ 84.0791, 89.5501,
75.1408

■ 79.4762, 85.0402,
59.1281

■ 89.2354, 94.3712,
93.7878

■ 75.3960, 80.8193,
45.6230

■ 93.7448, 99.0149,
108.7787

■ 71.8157, 76.8807,
34.4969

■ 93.9551, 99.4356,
108.8488

■ 68.7079, 73.2126,
25.6073

■ 66.0421, 69.8020,
18.7968

■ 63.7841, 66.6344,
13.8868

■ 61.8937, 63.6930,
10.6692

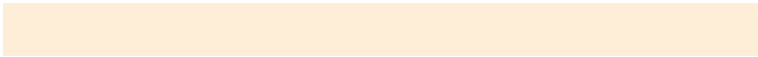
■ 60.3215, 60.9572,
8.8854

■ 59.7352, 59.8757,
8.4088

Harmonies

Analogous

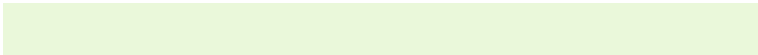
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5063, 89.5501, 76.6392



84.0791, 89.5501, 75.1408



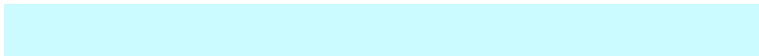
80.0693, 89.5501, 79.2036

Triad

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



84.0791, 89.5501, 75.1408



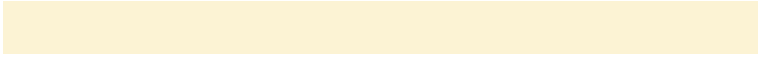
78.4583, 89.5501, 113.0055



93.2379, 89.5501, 107.4094

Complementary

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



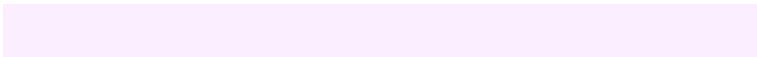
84.0791, 89.5501, 75.1408



70.5782, 72.7366, 102.4157

Split Complementary

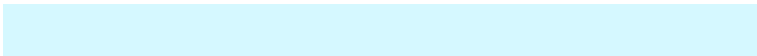
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3677, 89.5501, 118.4282



84.0791, 89.5501, 75.1408



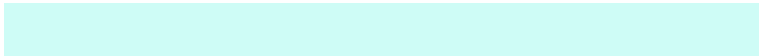
81.8109, 89.5501, 121.8507

Square

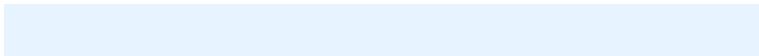
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0791, 89.5501, 75.1408



76.8982, 89.5501, 100.5132



86.1587, 89.5501, 123.9168



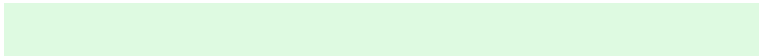
93.8965, 89.5501, 94.5571

Rectangle

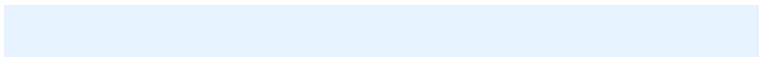
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0791, 89.5501, 75.1408



78.1378, 89.5501, 84.7466



86.1587, 89.5501, 123.9168



92.4950, 89.5501, 111.4832

Sweetspot

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



84.0815, 89.5541, 75.1427



92.1568, 97.3902, 98.1424



76.7849, 73.0218, 78.6884



19.6408, 20.7684, 20.6951



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.



84.0815, 89.5541, 75.1427



84.8299, 90.5077, 71.7422



83.0844, 93.1345, 75.8863



18.3770, 19.4898, 18.2557



31.2321, 31.4209, 4.4187



2.9709, 3.0667, 0.4353

Inverse Universe

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



70.5782, 72.7366, 102.4157



68.5842, 70.2760, 104.5576



71.4441, 69.7516, 101.7939



16.5996, 17.2760, 21.8450



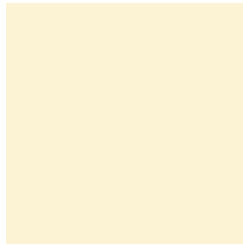
9.9962, 5.3479, 48.4789



1.0016, 0.6468, 4.5152

Previews

White Background



This preview shows how the XYZ color 84.0791, 89.5501, 75.1408 looks on a white background.

Color Contrast Check

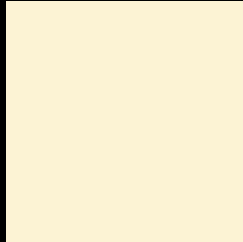
Large Text (above 18pt) WCAG AA × Fail

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 84.0791, 89.5501, 75.1408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

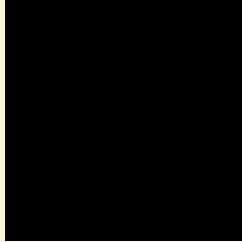
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0791, 89.5501, 75.1408

Background



This preview shows how black text looks on a background with the XYZ color 84.0791, 89.5501, 75.1408.



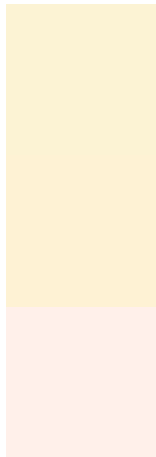
This preview shows how white text looks on a background with the XYZ color 84.0791, 89.5501,

75.1408.

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

84.0791, 89.5501, 75.1408

Protanopia

84.5088, 89.3286, 75.0754

Deuteranopia

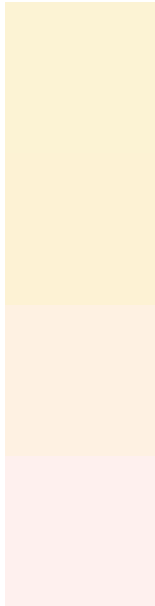
87.2514, 89.5207, 90.5225



Tritanopia

89.5442, 89.5009, 105.4844

Trichromacy



Original Color

84.0791, 89.5501, 75.1408

Protanomaly

84.1438, 89.1404, 75.0583

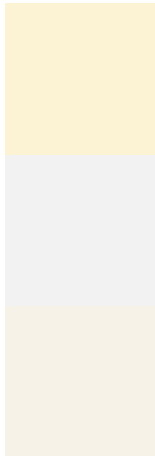
Deuteranomaly

86.0558, 89.4724, 84.6858

Tritanomaly

87.4658, 89.5641, 93.5666

Monochromacy



Original Color

84.0791, 89.5501, 75.1408

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.1820, 88.8666, 88.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0791, 89.5501, 75.1408 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, 243, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 212)  
}
```

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, 243, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 212) }
```

Border

The CSS property to change the border of an element to XYZ 84.0791, 89.5501, 75.1408 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, 243, 212) }
```


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

```
.border{ border-color:rgb(252, 243, 212) }
```

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

Here you see how a box with a 4 pixel rgb(252, 243, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0791, 89.5501, 75.1408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 212) }
```

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

```
.background{ background-color: rgb(252,  
243, 212) }
```

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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