

Converting Colors

XYZ(85.0060, 89.5714, 75.7732)

Have a look what the booklet for
XYZ(85.0060, 89.5714, 75.7732)
contains.

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Color

**XYZ(85.0024, 89.5684,
75.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2D5
RGB	255, 242, 213
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0510, 0.1647
CMYK	0.00, 0.05, 0.16, 0.00
HSL	41°, 100%, 92%
HSV	41°, 16%, 100%
XYZ	85.0024, 89.5684, 75.7591
YIQ	242.5810, 17.0570, -6.2630

Conversions

Conversions Part 2

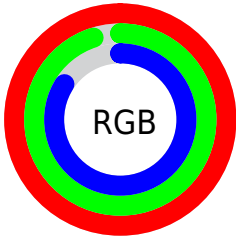
Format	Color
R _Y B	232, 255, 213
Decimal	16773845
CIE Lab	95.82, -0.24, 15.57
CIE LCh	96, 15.567, 90.901
Yxy	89.5684, 0.3396, 0.3578
Android (android.graphics.Color)	4294963925 (0xFFFFF2D5)
YUV	242.5810, -14.5834, 10.8915
Hunter-Lab	94.6406, -5.2994, 18.7872

Details

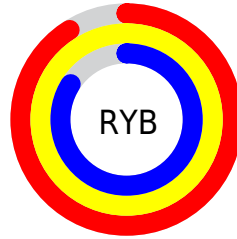
The XYZ color **85.0024, 89.5684, 75.7591** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.6863, 75.7567, 105.3993**, and the grayscale version is **84.9630, 89.3877, 97.3432**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0192, 49.5922, 39.4418** is the 20% darker color. If you saturate the color by 10%, you get **79.7196, 83.7817, 59.2657**, and if you desaturate by 10%, it is **90.8997, 95.7690, 94.9704**.

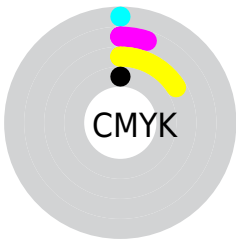
Distribution



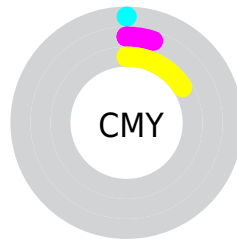
- Red (100%)
- Green (95%)
- Blue (84%)



- Red (91%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0024, 89.5684, 75.7591 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 85.0024, 89.5684, 75.7591 by changing the saturation by 10% instead.


 85.0024, 89.5684,
75.7591

 85.0024, 89.5684,
75.7591


500.1196,
526.6259, 499.8475

 64.1659, 67.6227,
55.7295


139.2905,
146.7387, 129.1433

 47.0472, 49.5909,
39.5836


173.4729,
182.7322, 163.3350

 33.2811, 35.0884,
26.9027


212.8345,
224.1770, 203.0845

 22.5021, 23.7310,
17.2684

257.7407,
271.4577, 248.8103

 14.3450, 15.1342,
10.2620

308.5570,
324.9585, 300.9309

 8.4443, 8.9136,
5.4652

365.6487,

 4.4347, 4.6849,

385.0638, 359.8650

2.4592

429.3811,
452.1582, 426.0310

■ 1.9509, 2.0636,
0.8184

■ 0.6062, 0.6440,
0.0000

■ 85.0024, 89.5684,
75.7591

■ 85.0024, 89.5684,
75.7591

■ 79.7196, 83.7817,
59.2657

■ 90.8997, 95.7690,
94.9704

■ 75.0200, 78.3853,
45.3592

95.0500, 100.0000,
108.9000

■ 70.8789, 73.3703,
33.9062

■ 67.2669, 68.7229,
24.7590

■ 64.1518, 64.4280,
17.7539

■ 61.4969, 60.4688,
12.7056

■ 59.2599, 56.8261,
9.3968

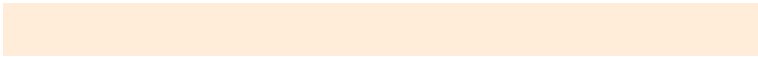
■ 57.3877, 53.4764,
7.5558

■ 56.7862, 52.3524,
7.1121

Harmonies

Analogous

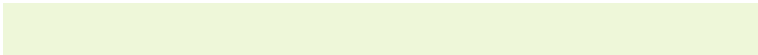
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2070, 89.5684, 78.3044



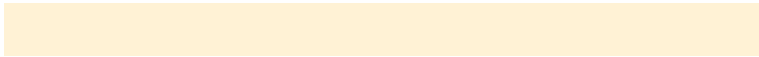
85.0024, 89.5684, 75.7591



80.9656, 89.5684, 78.6258

Triad

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



85.0024, 89.5684, 75.7591



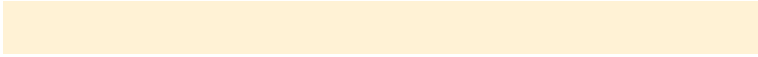
78.2484, 89.5684, 110.1673



92.5452, 89.5684, 109.4708

Complementary

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



85.0024, 89.5684, 75.7591



72.6863, 75.7567, 105.3993

Split Complementary

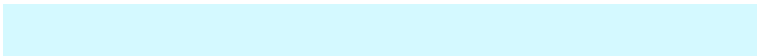
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4391, 89.5684, 119.2327



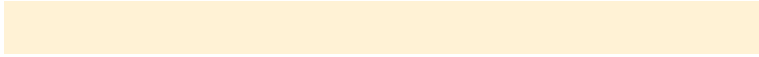
85.0024, 89.5684, 75.7591



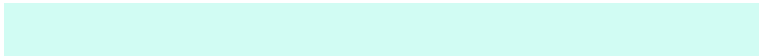
81.1832, 89.5684, 119.6580

Square

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



85.0024, 89.5684, 75.7591



77.1476, 89.5684, 97.8968



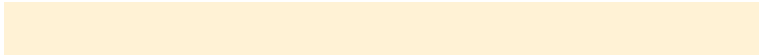
85.2619, 89.5684, 123.1047



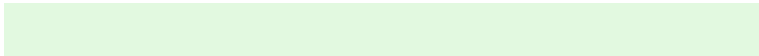
93.6492, 89.5684, 97.1537

Rectangle

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



85.0024, 89.5684, 75.7591



78.8895, 89.5684, 83.3717



85.2619, 89.5684, 123.1047



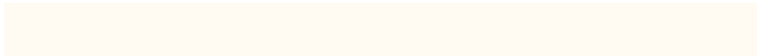
91.6956, 89.5684, 113.1953

Sweetspot

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



85.0045, 89.5722, 75.7610



91.8191, 96.7148, 98.0298



78.8036, 74.3570, 82.3674



19.5586, 20.6039, 20.6677



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

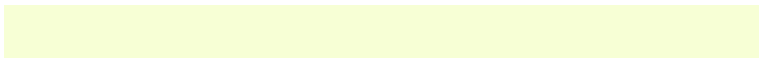
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0045, 89.5722, 75.7610



83.0704, 87.4823, 69.6342



86.2343, 96.1530, 76.9664



19.0592, 20.0867, 19.0169



29.8109, 27.6330, 3.7625



2.9998, 2.8850, 0.3987

Inverse Universe

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



72.6863, 75.7567, 105.3993



68.4870, 71.1277, 104.7271



71.5727, 70.1348, 104.3728



17.4614, 18.2944, 22.8608



11.0042, 6.9181, 50.1899



1.1636, 0.8579, 4.9175

Previews

White Background



This preview shows how the XYZ color 85.0024, 89.5684, 75.7591 looks on a white background.

Color Contrast Check

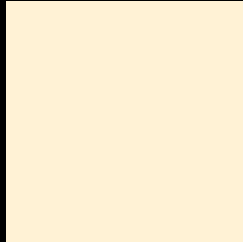
Large Text (above 18pt) WCAG AA × Fail

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 85.0024, 89.5684, 75.7591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

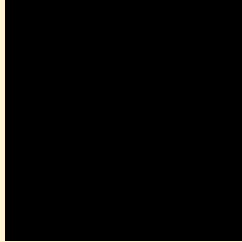
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0024, 89.5684, 75.7591

Background



This preview shows how black text looks on a background with the XYZ color 85.0024, 89.5684, 75.7591.



This preview shows how white text looks on a background with the XYZ color 85.0024, 89.5684,

75.7591.

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

85.0024, 89.5684, 75.7591

Protanopia

84.6354, 89.3792, 75.7419

Deuteranopia

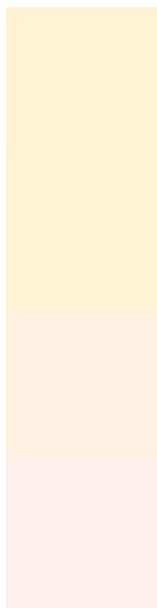
87.2514, 89.5207, 90.5225



Tritanopia

89.2271, 89.3741, 103.8149

Trichromacy



Original Color

85.0024, 89.5684, 75.7591

Protanomaly

84.6354, 89.3792, 75.7419

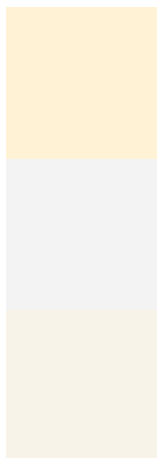
Deuteranomaly

86.4228, 89.6616, 84.7030

Tritanomaly

87.3926, 89.1074, 92.7141

Monochromacy



Original Color

85.0024, 89.5684, 75.7591

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9739, 89.7015, 89.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0024, 89.5684, 75.7591 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(255, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 213)  
}
```

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(255, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 85.0024, 89.5684, 75.7591 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(255, 242, 213) }
```


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

```
.border{ border-color:rgb(255, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0024, 89.5684, 75.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 213) }
```

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

```
.background{ background-color: rgb(255,  
242, 213) }
```

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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