

Converting Colors

XYZ(105.8835, 100.0000,
76.8403)

Have a look what the booklet for
XYZ(105.8835, 100.0000, 76.8403)
contains.

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Color

**XYZ(84.7055, 88.9747,
75.6602)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D5
RGB	255, 241, 213
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0549, 0.1647
CMYK	0.00, 0.05, 0.16, 0.00
HSL	40°, 100%, 92%
HSV	40°, 16%, 100%
XYZ	84.7055, 88.9747, 75.6602
YIQ	241.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

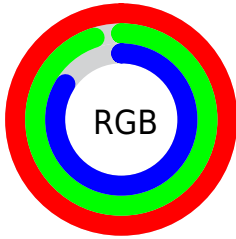
Format	Color
R_YB	234, 255, 213
Decimal	16773589
CIE Lab	95.57, 0.26, 15.22
CIE LCh	96, 15.218, 89.018
Yxy	88.9747, 0.3397, 0.3568
Android (android.graphics.Color)	4294963669 (0xFFFFF1D5)
YUV	241.9940, -14.2940, 11.4063
Hunter-Lab	94.3264, -4.7775, 18.4713

Details

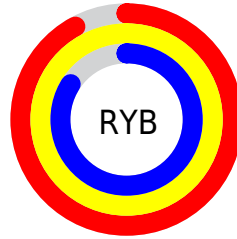
The XYZ color **84.7055, 88.9747, 75.6602** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.9590, 76.3022, 105.4902**, and the grayscale version is **84.4952, 88.8955, 96.8072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8092, 49.1723, 39.3718** is the 20% darker color. If you saturate the color by 10%, you get **79.2638, 82.8700, 59.1138**, and if you desaturate by 10%, it is **90.7778, 95.5253, 94.9298**.

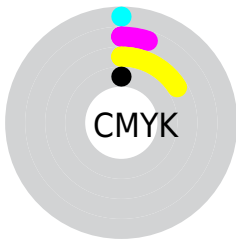
Distribution



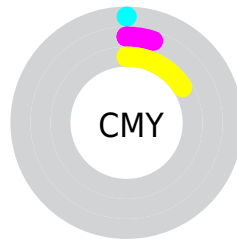
- Red (100%)
- Green (95%)
- Blue (84%)



- Red (92%)
- 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 84.7055, 88.9747, 75.6602 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 84.7055, 88.9747, 75.6602 by changing the saturation by 10% instead.


 84.7055, 88.9747,
75.6602

 84.7055, 88.9747,
75.6602


499.1514,
524.6899, 499.4995

 63.9197, 67.1306,
55.6489


138.8778,
145.9134, 129.0021

 46.8471, 49.1908,
39.5194


172.9950,
181.7767, 163.1699

 33.1223, 34.7708,
26.8531


212.2868,
223.0820, 202.8936

 22.3798, 23.4864,
17.2315

257.1185,
270.2135, 248.5917

 14.2544, 14.9531,
10.2360

307.8555,
323.5556, 300.6828

 8.3807, 8.7865,
5.4480

364.8631,

 4.3933, 4.6022,

383.4928, 359.5855

2.4492

428.5066,
450.4094, 425.7182

■ 1.9270, 2.0158,
0.8130

■ 0.5924, 0.6166,
0.0000

■ 84.7055, 88.9747,
75.6602

■ 84.7055, 88.9747,
75.6602

■ 79.2638, 82.8700,
59.1138

■ 90.7778, 95.5253,
94.9298

■ 74.4210, 77.1871,
45.1595

95.0500, 100.0000,
108.9000

■ 70.1519, 71.9163,
33.6639

■ 66.4271, 67.0432,
24.4790

■ 63.2137, 62.5518,
17.4412

■ 60.4750, 58.4249,
12.3650

■ 58.1680, 54.6423,
9.0329

■ 56.2394, 51.1799,
7.1731

■ 55.6212, 50.0224,
6.7237

Harmonies

Analogous

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



88.7681, 88.9747, 78.4734



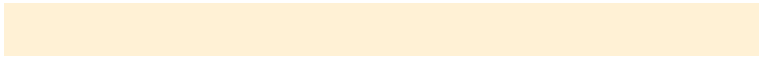
84.7055, 88.9747, 75.6602



80.7330, 88.9747, 78.1314

Triad

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



84.7055, 88.9747, 75.6602



77.7399, 88.9747, 108.4647



91.6389, 88.9747, 109.2025

Complementary

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



84.7055, 88.9747, 75.6602



72.9590, 76.3022, 105.4902

Split Complementary

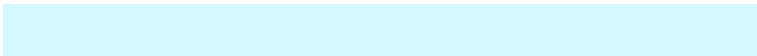
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5221, 88.9747, 118.4070



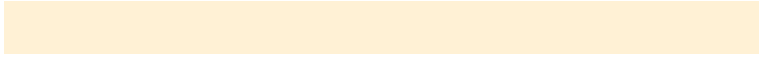
84.7055, 88.9747, 75.6602



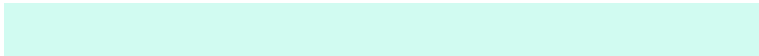
80.5021, 88.9747, 117.9570

Square

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



84.7055, 88.9747, 75.6602



76.7921, 88.9747, 96.4847



84.4302, 88.9747, 121.7331



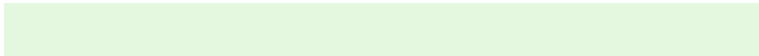
92.8514, 88.9747, 97.2731

Rectangle

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



84.7055, 88.9747, 75.6602



78.6509, 88.9747, 82.5684



84.4302, 88.9747, 121.7331



90.7742, 88.9747, 112.7529

Sweetspot

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



84.7077, 88.9785, 75.6621



91.7243, 96.5252, 97.9982



78.9000, 74.3956, 82.8753



19.5355, 20.5578, 20.6600



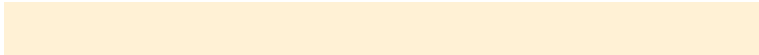
0.0000, 0.0000, 0.0000



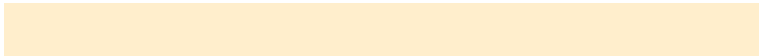
20.3446, 21.4041, 23.3091

Same Dimension

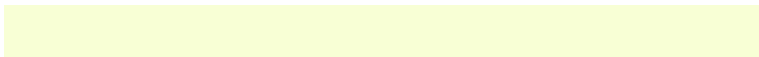
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7077, 88.9785, 75.6621



82.7156, 86.7727, 69.5160



86.4820, 96.2807, 76.9780



19.0214, 20.0110, 19.0043



29.2063, 26.4238, 3.5610



2.9442, 2.7739, 0.3802

Inverse Universe

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



72.9590, 76.3022, 105.4902



68.8065, 71.7666, 104.8336



71.3604, 70.0254, 104.3629



17.4975, 18.3665, 22.8728



11.2494, 7.4084, 50.2716



1.1909, 0.9126, 4.9266

Previews

White Background



This preview shows how the XYZ color 84.7055, 88.9747, 75.6602 looks on a white background.

Color Contrast Check

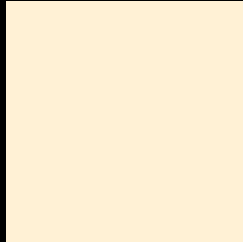
Large Text (above 18pt) WCAG AA × Fail

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 84.7055, 88.9747, 75.6602 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 84.7055, 88.9747, 75.6602

Background



This preview shows how black text looks on a background with the XYZ color 84.7055, 88.9747, 75.6602.



This preview shows how white text looks on a background with the XYZ color 84.7055, 88.9747,

75.6602.

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

84.7055, 88.9747, 75.6602

Protanopia

84.2704, 89.1910, 75.7248

Deuteranopia

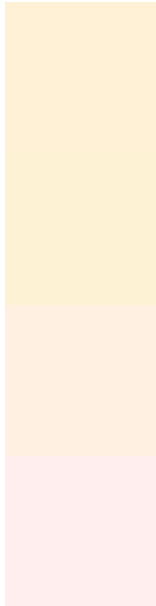
86.8145, 88.8762, 89.6700



Tritanopia

88.7795, 88.7305, 102.8900

Trichromacy



Original Color

84.7055, 88.9747, 75.6602

Protanomaly

84.6354, 89.3792, 75.7419

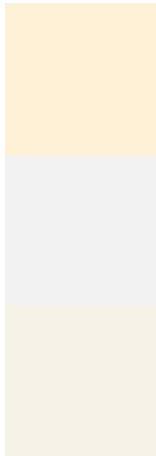
Deuteranomaly

86.1276, 89.0712, 84.6046

Tritanomaly

87.1006, 88.5235, 92.6168

Monochromacy



Original Color

84.7055, 88.9747, 75.6602

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5337, 89.0479, 88.3339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7055, 88.9747, 75.6602 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, 241, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 213) }
```

Border

The CSS property to change the border of an element to XYZ 84.7055, 88.9747, 75.6602 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, 241, 213) }
```


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

```
.border{ border-color:rgb(255, 241, 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, 241, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7055, 88.9747, 75.6602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 213) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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