

Converting Colors

XYZ(85.0475, 89.3036, 69.4676)

Have a look what the booklet for
XYZ(85.0475, 89.3036, 69.4676)
contains.

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Color

**XYZ(83.4748, 88.4824,
69.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1CB
RGB	255, 241, 203
RGB Percent	100%, 95%, 80%
CMY	0.0000, 0.0549, 0.2039
CMYK	0.00, 0.05, 0.20, 0.00
HSL	44°, 100%, 90%
HSV	44°, 20%, 100%
XYZ	83.4748, 88.4824, 69.1791
YIQ	240.8540, 20.5420, -8.8500

Conversions

Conversions Part 2

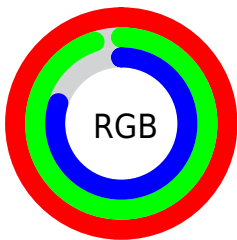
Format	Color
R_{YB}	222, 255, 203
Decimal	16773579
CIE Lab	95.36, -1.19, 20.07
CIE LCh	95, 20.105, 93.399
Yxy	88.4824, 0.3462, 0.3669
Android (android.graphics.Color)	4294963659 (0xFFFFF1CB)
YUV	240.8540, -18.6620, 12.4060
Hunter-Lab	94.0651, -6.2103, 22.2414

Details

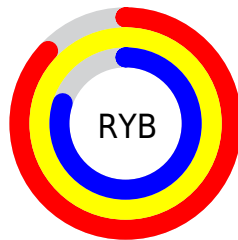
The XYZ color **83.4748, 88.4824, 69.1791** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4908, 69.5402, 104.4732**, and the grayscale version is **83.6270, 87.9821, 95.8125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0625, 48.8736, 35.4396** is the 20% darker color. If you saturate the color by 10%, you get **78.6897, 83.3819, 53.8047**, and if you desaturate by 10%, it is **88.8405, 93.9436, 87.2152**.

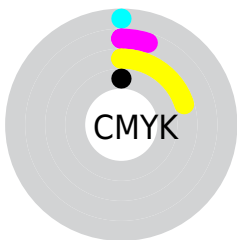
Distribution



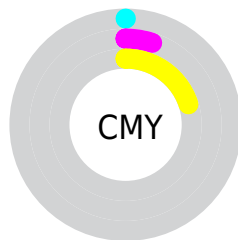
- Red (100%)
- Green (95%)
- Blue (80%)



- Red (87%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4748, 88.4824, 69.1791 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 83.4748, 88.4824, 69.1791 by changing the saturation by 10% instead.


 83.4748, 88.4824,
69.1791

 83.4748, 88.4824,
69.1791


495.1276,
523.0817, 476.3734

 62.9002, 66.7227,
50.3849


137.1653,
145.2286, 119.7075

 46.0188, 48.8593,
35.3460


171.0119,
180.9838, 152.2787

 32.4653, 34.5079,
23.6439


210.0132,
222.1729, 190.2794

 21.8744, 23.2840,
14.8599

254.5346,
269.1804, 234.1281

 13.8808, 14.8034,
8.5756

304.9413,
322.3907, 284.2433

 8.1189, 8.6815,
4.3724

361.5988,

 4.2236, 4.5340,

382.1880, 341.0436

1.8318

424.8725,
448.9569, 404.9474

■ 1.8294, 1.9765,
0.4488

■ 0.5353, 0.5938,
0.0000

■ 83.4748, 88.4824,
69.1791

■ 83.4748, 88.4824,
69.1791

■ 78.6897, 83.3819,
53.8047

■ 88.8405, 93.9436,
87.2152

■ 74.4537, 78.6192,
40.9575

94.8041, 99.7646,
108.0273

■ 70.7416, 74.1858,
30.4997

95.0500, 100.0000,
108.9000

■ 67.5235, 70.0684,
22.2781

■ 64.7659, 66.2523,
16.1215

■ 62.4310, 62.7207,
11.8337

■ 60.4732, 59.4541,
9.1803

■ 58.8779, 56.5359,
7.8093

Harmonies

Analogous

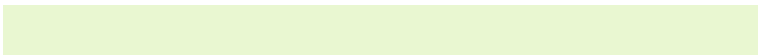
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9209, 88.4824, 71.7360



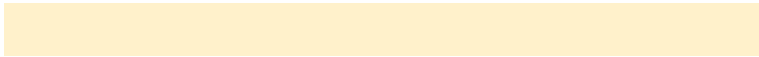
83.4748, 88.4824, 69.1791



78.4159, 88.4824, 73.2204

Triad

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



83.4748, 88.4824, 69.1791



75.5825, 88.4824, 113.9807



93.9070, 88.4824, 110.5389

Complementary

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



83.4748, 88.4824, 69.1791



67.4908, 69.5402, 104.4732

Split Complementary

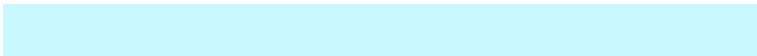
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0521, 88.4824, 123.8816



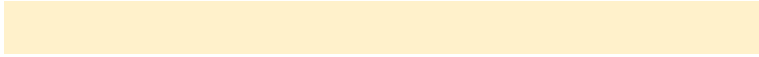
83.4748, 88.4824, 69.1791



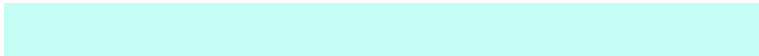
79.4563, 88.4824, 126.0158

Square

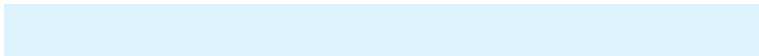
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4748, 88.4824, 69.1791



73.9860, 88.4824, 98.1481



84.7280, 88.4824, 129.8212



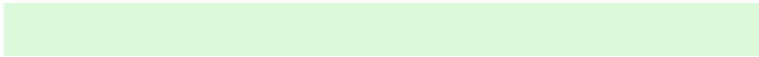
95.0959, 88.4824, 94.5588

Rectangle

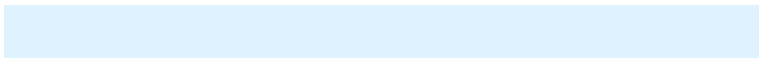
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4748, 88.4824, 69.1791



75.8983, 88.4824, 79.4009



84.7280, 88.4824, 129.8212



92.8720, 88.4824, 115.5368

Sweetspot

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



83.4769, 88.4862, 69.1810



91.3841, 96.4544, 96.0057



75.2166, 69.0209, 75.5058



19.4774, 20.5643, 20.2620



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

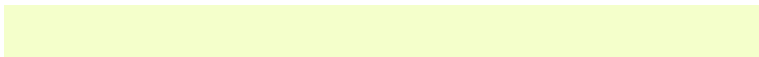
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4769, 88.4862, 69.1810



81.6842, 86.6042, 63.3323



83.7556, 95.0174, 70.4269



19.1235, 20.2151, 19.0383



30.8949, 29.8010, 4.1238



3.0985, 3.0823, 0.4316

Inverse Universe

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



67.4908, 69.5402, 104.4732



63.3602, 64.8895, 103.7932



67.2163, 64.2693, 103.4703



17.4006, 18.1729, 22.8406



10.6359, 6.1814, 50.0671



1.1212, 0.7731, 4.9034

Previews

White Background



This preview shows how the XYZ color 83.4748, 88.4824, 69.1791 looks on a white background.

Color Contrast Check

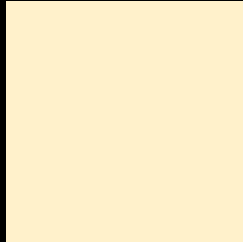
Large Text (above 18pt) WCAG AA × Fail

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 83.4748, 88.4824, 69.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

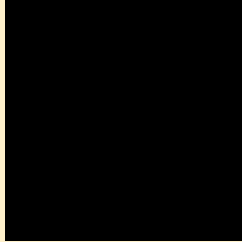
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4748, 88.4824, 69.1791

Background



This preview shows how black text looks on a background with the XYZ color 83.4748, 88.4824, 69.1791.



This preview shows how white text looks on a background with the XYZ color 83.4748, 88.4824,

69.1791.

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

83.4748, 88.4824, 69.1791

Protanopia

83.4748, 88.4824, 69.1791

Deuteranopia

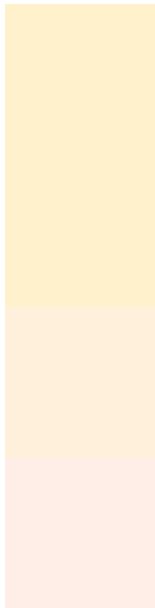
86.3894, 88.7062, 87.4317



Tritanopia

88.6231, 88.6679, 102.0662

Trichromacy



Original Color

83.4748, 88.4824, 69.1791

Protanomaly

83.4748, 88.4824, 69.1791

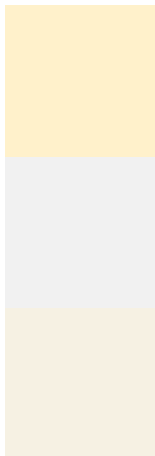
Deuteranomaly

85.3184, 88.7475, 80.3434

Tritanomaly

86.3800, 88.2353, 88.8223

Monochromacy



Original Color

83.4748, 88.4824, 69.1791

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.3265, 88.0495, 85.2765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4748, 88.4824, 69.1791 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 203) }
```

Border

The CSS property to change the border of an element to XYZ 83.4748, 88.4824, 69.1791 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, 203) }
```


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

```
.border{ border-color:rgb(255, 241, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4748, 88.4824, 69.1791 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
241, 203) }
```

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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