

Converting Colors

XYZ(177.4345, 139.2450,
73.7316)

Have a look what the booklet for
XYZ(177.4345, 139.2450, 73.7316)
contains.

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Color

**XYZ(84.9753, 91.4833,
69.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6CB
RGB	255, 246, 203
RGB Percent	100%, 96%, 80%
CMY	0.0000, 0.0353, 0.2039
CMYK	0.00, 0.04, 0.20, 0.00
HSL	50°, 100%, 90%
HSV	50°, 20%, 100%
XYZ	84.9753, 91.4833, 69.6793
YIQ	243.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

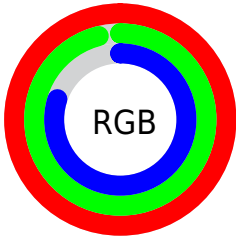
Format	Color
RYB	214, 255, 203
Decimal	16774859
CIELab	96.61, -3.71, 21.80
CIELCh	97, 22.116, 99.648
Yxy	91.4833, 0.3452, 0.3717
Android (android.graphics.Color)	4294964939 (0xFFFFF6CB)
YUV	243.7890, -20.1090, 9.8320
Hunter-Lab	95.6469, -8.7978, 23.7597

Details

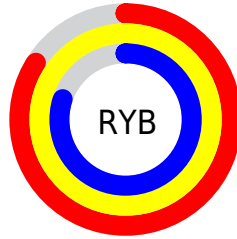
The XYZ color **84.9753, 91.4833, 69.6793** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.2216, 67.0017, 104.0501**, and the grayscale version is **85.9672, 90.4442, 98.4937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1270, 51.0026, 35.7944** is the 20% darker color. If you saturate the color by 10%, you get **80.8579, 87.7182, 54.5275**, and if you desaturate by 10%, it is **89.6287, 95.5199, 87.4780**.

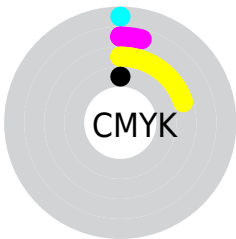
Distribution



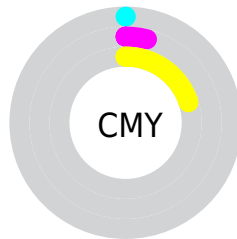
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (84%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9753, 91.4833, 69.6793 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 84.9753, 91.4833, 69.6793 by changing the saturation by 10% instead.


 84.9753, 91.4833,
69.6793

 84.9753, 91.4833,
69.6793

500.0312,
532.8442, 478.1818

 64.1434, 69.2115,
50.7899


139.2529,
149.3971, 120.4281

 47.0289, 50.8840,
35.6659


173.4293,
185.8079, 153.1247

 33.2666, 36.1163,
23.8886


212.7845,
227.7004, 191.2607

 22.4910, 24.5240,
15.0396

257.6840,
275.4592, 235.2547

 14.3367, 15.7228,
8.7002

308.4930,
329.4686, 285.5253

 8.4385, 9.3282,
4.4520

365.5770,

 4.4309, 4.9559,

390.1130, 342.4910

1.8765

429.3013,
457.7767, 406.5703

■ 1.9487, 2.2214,
0.4777

■ 0.6049, 0.7316,
0.0000

■ 84.9753, 91.4833,
69.6793

■ 84.9753, 91.4833,
69.6793

■ 80.8579, 87.7182,
54.5275

■ 89.6287, 95.5199,
87.4780

■ 77.2455, 84.2027,
41.8881

94.8347, 99.8258,
108.0377

■ 74.1135, 80.9296,
31.6237

95.0500, 100.0000,
108.9000

■ 71.4327, 77.8869,
23.5812

■ 69.1704, 75.0611,
17.5896

■ 67.2891, 72.4370,
13.4531

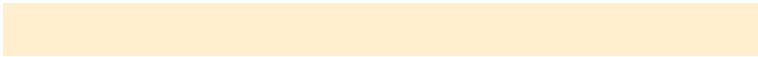
■ 65.7443, 69.9963,
10.9373

■ 64.5080, 67.7960,
9.6860

Harmonies

Analogous

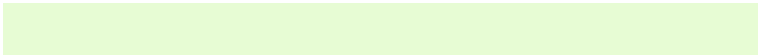
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1516, 91.4833, 70.9824



84.9753, 91.4833, 69.6793



79.5866, 91.4833, 75.6318

Triad

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



84.9753, 91.4833, 69.6793



78.1178, 91.4833, 122.9462



98.5786, 91.4833, 111.9232

Complementary

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



84.9753, 91.4833, 69.6793



66.2216, 67.0017, 104.0501

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.



94.7586, 91.4833, 128.1852



84.9753, 91.4833, 69.6793



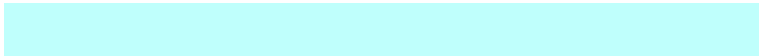
82.8837, 91.4833, 135.0540

Square

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



84.9753, 91.4833, 69.6793



75.7531, 91.4833, 105.4243



88.9594, 91.4833, 137.0772



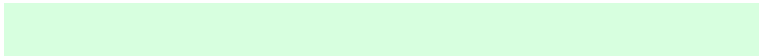
99.2038, 91.4833, 94.0130

Rectangle

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



84.9753, 91.4833, 69.6793



77.0936, 91.4833, 83.3805



88.9594, 91.4833, 137.0772



97.6172, 91.4833, 117.8191

Sweetspot

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



84.9774, 91.4872, 69.6812



91.8452, 97.3766, 96.1594



74.5477, 68.7534, 71.9834



19.5866, 20.7828, 20.2984



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

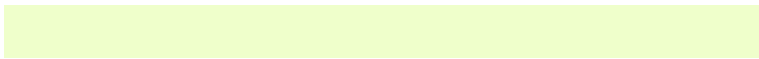
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9774, 91.4872, 69.6812



83.4307, 90.0972, 63.9145



81.9792, 94.1016, 70.3439



19.2782, 20.5245, 19.0899



33.8048, 35.6208, 5.0938



3.3587, 3.6027, 0.5184

Inverse Universe

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



66.2216, 67.0017, 104.0501



61.9314, 62.0320, 103.3170



68.7609, 65.0656, 103.5426



17.2569, 17.8855, 22.7926



9.9776, 4.8647, 49.8477



1.0383, 0.6073, 4.8758

Previews

White Background



This preview shows how the XYZ color 84.9753, 91.4833, 69.6793 looks on a white background.

Color Contrast Check

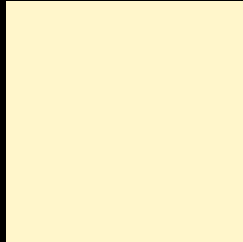
Large Text (above 18pt) WCAG AA × Fail

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 84.9753, 91.4833, 69.6793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

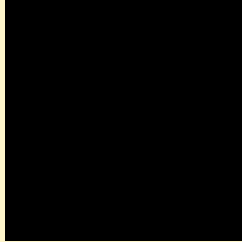
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9753, 91.4833, 69.6793

Background



This preview shows how black text looks on a background with the XYZ color 84.9753, 91.4833, 69.6793.



This preview shows how white text looks on a background with the XYZ color 84.9753, 91.4833,

69.6793.

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

84.9753, 91.4833, 69.6793

Protanopia

86.4168, 91.5746, 78.7666

Deuteranopia

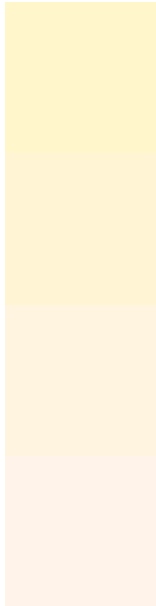
88.4309, 91.4173, 92.3414



Tritanopia

90.2660, 91.1989, 104.9411

Trichromacy



Original Color

84.9753, 91.4833, 69.6793

Protanomaly

85.7761, 91.3183, 75.3927

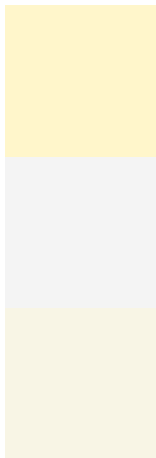
Deuteranomaly

87.0452, 91.3432, 83.5642

Tritanomaly

88.1419, 91.3017, 90.8193

Monochromacy



Original Color

84.9753, 91.4833, 69.6793

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5067, 90.9184, 87.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9753, 91.4833, 69.6793 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, 246, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 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, 246, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 203) }
```

Border

The CSS property to change the border of an element to XYZ 84.9753, 91.4833, 69.6793 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, 246, 203) }
```


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

```
.border{ border-color:rgb(255, 246, 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, 246, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9753, 91.4833, 69.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 203) }
```

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

```
.background{ background-color: rgb(255,  
246, 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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