

Converting Colors

XYZ(67.4609, 66.0069, 45.8855)

Have a look what the booklet for
XYZ(67.4609, 66.0069, 45.8855)
contains.

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Color

**XYZ(67.2793, 65.9322,
45.7394)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CCA7
RGB	248, 204, 167
RGB Percent	97%, 80%, 65%
CMY	0.0275, 0.2000, 0.3451
CMYK	0.00, 0.18, 0.33, 0.03
HSL	27°, 85%, 81%
HSV	27°, 33%, 97%
XYZ	67.2793, 65.9322, 45.7394
YIQ	212.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

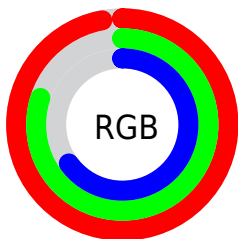
Format	Color
R _Y B	248, 235, 167
Decimal	16305319
CIE Lab	84.96, 10.43, 24.29
CIE LCh	85, 26.429, 66.766
Yxy	65.9322, 0.3760, 0.3684
Android (android.graphics.Color)	4294495399 (0xFFF8CCA7)
YUV	212.9380, -22.6474, 30.7494
Hunter-Lab	81.1986, 5.8033, 23.4408

Details

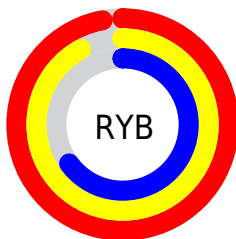
The XYZ color **67.2793, 65.9322, 45.7394** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1732, 61.5793, 97.7324**, and the grayscale version is **63.3346, 66.6330, 72.5633**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **35.2361, 33.9976, 20.9247** is the 20% darker color. If you saturate the color by 10%, you get **62.1389, 58.9752, 33.7789**, and if you desaturate by 10%, it is **73.1397, 73.6251, 60.1103**.

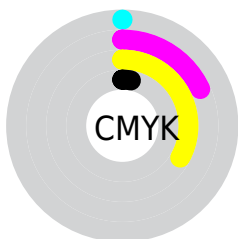
Distribution



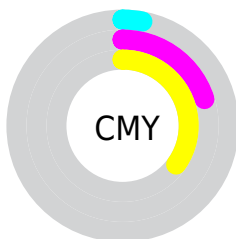
- Red (97%)
- Green (80%)
- Blue (65%)



- Red (97%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2793, 65.9322, 45.7394 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 67.2793, 65.9322, 45.7394 by changing the saturation by 10% instead.


 67.2793, 65.9322,
45.7394


 67.2793, 65.9322,
45.7394

440.3552,
446.1344, 386.0071

 49.5832, 48.2174,
31.6930


 114.3681,
113.3890, 85.1590

 35.2988, 33.9991,
20.8643


 144.4915,
143.8998, 111.3694

 24.0607, 22.8929,
12.8346


179.4880,
179.4447, 142.4715

 15.5036, 14.5144,
7.1853

219.7231,
220.4080, 178.8839

 9.2622, 8.4793,
3.4981

265.5619,
267.1743, 221.0251

 4.9711, 4.4032,
1.3542

317.3700,

 2.2649, 1.9015,

320.1278, 269.3136

0.1056

375.5126,
379.6531, 324.1681

■ 0.7766, 0.5493,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2793, 65.9322,
45.7394

■ 67.2793, 65.9322,
45.7394

■ 62.1389, 58.9752,
33.7789

■ 73.1397, 73.6251,
60.1103

■ 57.6812, 52.7208,
24.0897

■ 79.7449, 82.0673,
77.0119

■ 53.8729, 47.1464,
16.5244

■ 87.1248, 91.2835,
96.5616

■ 50.6753, 42.2244,
10.9164

■ 92.5214, 98.6965,
108.7817

■ 48.0444, 37.9247,
7.0736

■ 45.9284, 34.2130,
4.7640

■ 44.6501, 31.8338,
3.7912

Harmonies

Analogous

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



72.2650, 65.9322, 53.9421



67.2793, 65.9322, 45.7394



61.3310, 65.9322, 43.9679

Triad

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



67.2793, 65.9322, 45.7394



51.9988, 65.9322, 75.7107



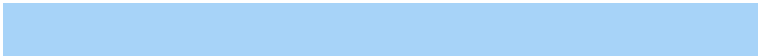
69.7518, 65.9322, 101.2981

Complementary

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



67.2793, 65.9322, 45.7394



56.1732, 61.5793, 97.7324

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.



64.0214, 65.9322, 109.4010



67.2793, 65.9322, 45.7394



53.9581, 65.9322, 93.1929

Square

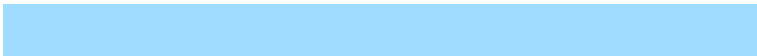
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2793, 65.9322, 45.7394



52.7498, 65.9322, 59.6471



58.2697, 65.9322, 106.2223



73.7543, 65.9322, 85.4759

Rectangle

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



67.2793, 65.9322, 45.7394



57.6642, 65.9322, 46.3730



58.2697, 65.9322, 106.2223



67.9503, 65.9322, 105.1201

Sweetspot

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



67.2810, 65.9353, 45.7407



86.9525, 89.9444, 87.2734



64.3575, 52.3254, 68.6985



18.3823, 18.9637, 18.0792



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.



67.2810, 65.9353, 45.7407



68.0857, 65.4110, 40.2902



78.0223, 87.4179, 49.3212



17.8979, 18.5316, 18.0960



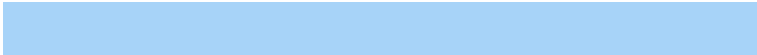
24.2564, 17.4694, 2.0935



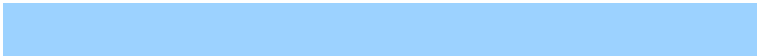
2.3511, 1.8270, 0.2287

Inverse Universe

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



56.1732, 61.5793, 97.7324



54.6129, 60.1222, 103.3341



47.4527, 44.1383, 94.8255



17.0642, 18.2053, 21.9999



13.9526, 13.2607, 49.7978



1.3983, 1.4402, 4.6475

Previews

White Background



This preview shows how the XYZ color 67.2793, 65.9322, 45.7394 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 67.2793, 65.9322, 45.7394 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 67.2793, 65.9322, 45.7394

Background



This preview shows how black text looks on a background with the XYZ color 67.2793, 65.9322, 45.7394.



This preview shows how white text looks on a background with the XYZ color 67.2793, 65.9322,

45.7394.

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

67.2793, 65.9322, 45.7394

Protanopia

61.9455, 66.0348, 48.0092

Deuteranopia

67.2793, 65.9322, 45.7394



Tritanopia

72.7123, 66.0749, 71.8722

Trichromacy



Original Color

67.2793, 65.9322, 45.7394

Protanomaly

63.6604, 65.8268, 47.3808

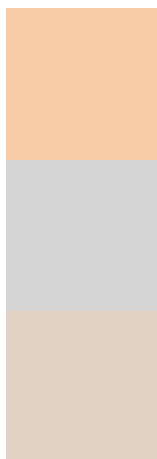
Deuteranomaly

67.2793, 65.9322, 45.7394

Tritanomaly

70.4017, 65.8033, 61.2153

Monochromacy



Original Color

67.2793, 65.9322, 45.7394

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3744, 66.2475, 61.6187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2793, 65.9322, 45.7394 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(248, 204, 167) looks like.

```
.text, #text, p{  
    color:rgb(248, 204, 167)  
}
```

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(248, 204, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 204, 167) }
```

Border

The CSS property to change the border of an element to XYZ 67.2793, 65.9322, 45.7394 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(248, 204, 167) }
```


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

```
.border{ border-color:rgb(248, 204, 167) }
```

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

Here you see how a box with a 4 pixel rgb(248, 204, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 204, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 204, 167);  
box-shadow:4px 4px 4px 4px rgb(248, 204,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2793, 65.9322, 45.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 204, 167) }
```

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

```
.background{ background-color: rgb(248,  
204, 167) }
```

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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