

Converting Colors

XYZ(66.8617, 63.8895, 45.8544)

Have a look what the booklet for
XYZ(66.8617, 63.8895, 45.8544)
contains.

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Color

**XYZ(66.9156, 63.9980,
45.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC7A8
RGB	250, 199, 168
RGB Percent	98%, 78%, 66%
CMY	0.0196, 0.2196, 0.3412
CMYK	0.00, 0.20, 0.33, 0.02
HSL	23°, 89%, 82%
HSV	23°, 33%, 98%
XYZ	66.9156, 63.9980, 45.8718
YIQ	210.7150, 40.3470, 1.1710

Conversions

Conversions Part 2

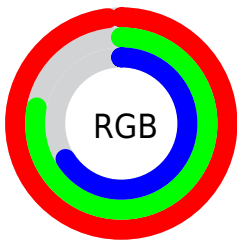
Format	Color
R _Y B	250, 218, 168
Decimal	16435112
CIE Lab	83.96, 13.92, 22.42
CIE LCh	84, 26.391, 58.169
Yxy	63.9980, 0.3785, 0.3620
Android (android.graphics.Color)	4294625192 (0xFFFA7A8)
YUV	210.7150, -21.0585, 34.4529
Hunter-Lab	79.9987, 9.3100, 22.0019

Details

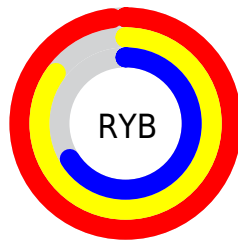
The XYZ color **66.9156, 63.9980, 45.8718** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.7344, 65.8877, 100.0644**, and the grayscale version is **61.8461, 65.0669, 70.8579**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **35.0160, 32.7182, 20.9927** is the 20% darker color. If you saturate the color by 10%, you get **61.4107, 56.3640, 33.6299**, and if you desaturate by 10%, it is **73.2370, 72.5481, 60.5962**.

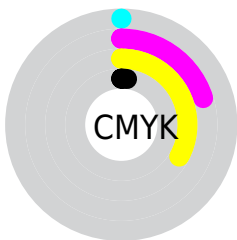
Distribution



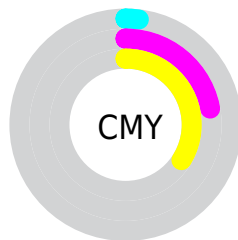
- Red (98%)
- Green (78%)
- Blue (66%)



- Red (98%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9156, 63.9980, 45.8718 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 66.9156, 63.9980, 45.8718 by changing the saturation by 10% instead.


 66.9156, 63.9980,
45.8718


 66.9156, 63.9980,
45.8718

439.0815,
439.1824, 386.5556

 49.2865, 46.6491,
31.7967


 113.8499,
110.6081, 85.3594

 35.0623, 32.7583,
20.9428


 143.8859,
140.6380, 111.6089

 23.8776, 21.9414,
12.8913


178.7881,
175.6636, 142.7538

 15.3671, 13.8138,
7.2239

218.9220,
216.0695, 179.2124

 9.1654, 7.9913,
3.5220

264.6530,
262.2399, 221.4033

 4.9072, 4.0894,
1.3669

316.3463,

 2.2271, 1.7237,

314.5592, 269.7452

0.1157

374.3673,
373.4120, 324.6564

■ 0.7570, 0.4389,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9156, 63.9980,
45.8718

■ 66.9156, 63.9980,
45.8718

■ 61.4107, 56.3640,
33.6299

■ 73.2370, 72.5481,
60.5962

■ 56.6809, 49.6049,
23.7273

■ 80.4043, 82.0357,
77.9275

■ 52.6878, 43.6895,
16.0123

■ 88.4510, 92.4926,
97.9863

■ 49.3876, 38.5809,
10.3130

■ 93.2343, 99.0640,
108.8150

■ 46.7307, 34.2391,
6.4315

■ 44.6591, 30.6189,
4.1286

■ 43.4742, 28.4237,
3.1950

Harmonies

Analogous

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



71.2229, 63.9980, 55.6381



66.9156, 63.9980, 45.8718



61.1861, 63.9980, 42.3361

Triad

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



66.9156, 63.9980, 45.8718



50.3269, 63.9980, 68.6650



66.2585, 63.9980, 101.8821

Complementary

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



66.9156, 63.9980, 45.8718



58.7344, 65.8877, 100.0644

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.



60.4717, 63.9980, 106.8226



66.9156, 63.9980, 45.8718



51.4975, 63.9980, 85.9123

Square

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



66.9156, 63.9980, 45.8718



51.8178, 63.9980, 54.1270



55.1216, 63.9980, 100.5700



70.8268, 63.9980, 87.9658

Rectangle

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



66.9156, 63.9980, 45.8718



57.4092, 63.9980, 43.4793



55.1216, 63.9980, 100.5700



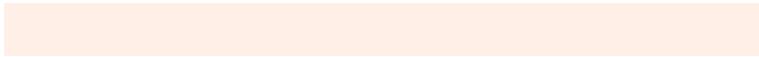
64.3803, 63.9980, 104.7363

Sweetspot

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



66.9173, 64.0010, 45.8731



86.3609, 88.7613, 87.0762



66.3368, 53.4937, 74.4932



18.2395, 18.6782, 18.0316



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

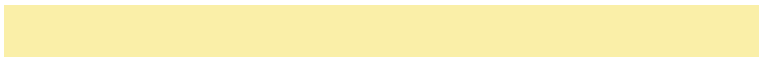
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9173, 64.0010, 45.8731



66.3066, 61.8529, 39.6971



77.3784, 84.9233, 49.3602



17.7824, 18.3007, 18.0575



23.1875, 15.3316, 1.7372



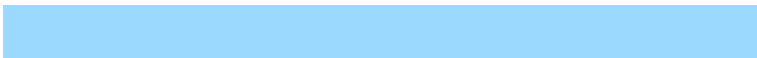
2.2460, 1.6169, 0.1937

Inverse Universe

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



58.7344, 65.8877, 100.0644



56.5886, 64.0735, 103.9926



49.5111, 47.4412, 96.9900



17.1822, 18.4413, 22.0392



15.5549, 16.4654, 50.3319



1.5427, 1.7291, 4.6956

Previews

White Background



This preview shows how the XYZ color 66.9156, 63.9980, 45.8718 looks on a white background.

Color Contrast Check

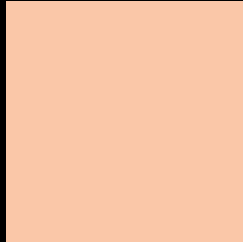
Large Text (above 18pt) WCAG AA × Fail

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 66.9156, 63.9980, 45.8718 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 66.9156, 63.9980, 45.8718

Background



This preview shows how black text looks on a background with the XYZ color 66.9156, 63.9980, 45.8718.



This preview shows how white text looks on a background with the XYZ color 66.9156, 63.9980,

45.8718.

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

66.9156, 63.9980, 45.8718

Protanopia

60.4675, 64.1477, 48.7299

Deuteranopia

65.2628, 63.8335, 45.9272



Tritanopia

71.3282, 63.7648, 68.2229

Trichromacy



Original Color

66.9156, 63.9980, 45.8718

Protanomaly

62.4607, 63.7587, 47.5427

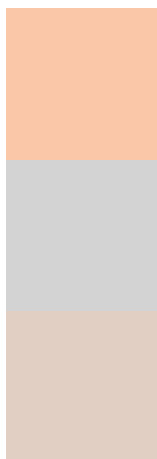
Deuteranomaly

65.7282, 63.7285, 45.8824

Tritanomaly

69.6488, 63.7631, 59.0887

Monochromacy



Original Color

66.9156, 63.9980, 45.8718

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.2145, 64.5733, 60.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9156, 63.9980, 45.8718 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(250, 199, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 168)  
}
```

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(250, 199, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 168) }
```

Border

The CSS property to change the border of an element to XYZ 66.9156, 63.9980, 45.8718 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(250, 199, 168) }
```


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

```
.border{ border-color:rgb(250, 199, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 199, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9156, 63.9980, 45.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 168) }
```

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

```
.background{ background-color: rgb(250,  
199, 168) }
```

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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