

Converting Colors

XYZ(66.7603, 67.6723, 44.9950)

Have a look what the booklet for
XYZ(66.7603, 67.6723, 44.9950)
contains.

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Color

**XYZ(66.8003, 67.8645,
45.1757)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D2A5
RGB	243, 210, 165
RGB Percent	95%, 82%, 65%
CMY	0.0471, 0.1764, 0.3529
CMYK	0.00, 0.14, 0.32, 0.05
HSL	35°, 76%, 80%
HSV	35°, 32%, 95%
XYZ	66.8003, 67.8645, 45.1757
YIQ	214.7370, 34.1130, -6.9990

Conversions

Conversions Part 2

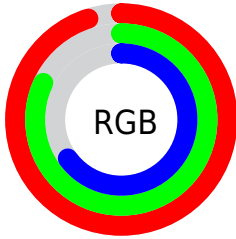
Format	Color
RYB	222, 243, 165
Decimal	15979173
CIELab	85.94, 5.16, 26.59
CIELCh	86, 27.083, 79.027
Yxy	67.8645, 0.3714, 0.3774
Android (android.graphics.Color)	4294169253 (0xFFFF3D2A5)
YUV	214.7370, -24.5203, 24.7867
Hunter-Lab	82.3799, 0.5774, 25.1523

Details

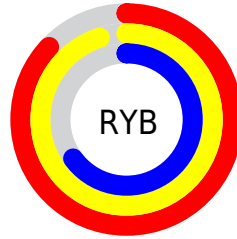
The XYZ color **66.8003, 67.8645, 45.1757** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.8883, 54.8569, 92.6478**, and the grayscale version is **64.5593, 67.9214, 73.9664**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **35.1188, 35.4083, 20.6063** is the 20% darker color. If you saturate the color by 10%, you get **62.3389, 62.1512, 33.7939**, and if you desaturate by 10%, it is **71.8485, 74.0783, 58.8278**.

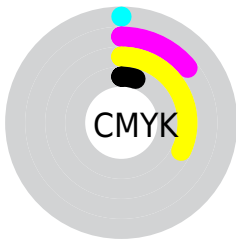
Distribution



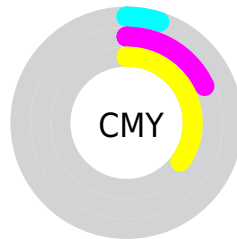
- Red (95%)
- Green (82%)
- Blue (65%)



- Red (87%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8003, 67.8645, 45.1757 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 66.8003, 67.8645, 45.1757 by changing the saturation by 10% instead.


 66.8003, 67.8645,
45.1757


 66.8003, 67.8645,
45.1757


438.6773,
453.0158, 383.6655

 49.1925, 49.7875,
31.2519


 113.6856,
116.1583, 84.3052

 34.9873, 35.2446,
20.5307


 143.6938,
147.1439, 110.3481

 23.8196, 23.8513,
12.5935


178.5661,
183.2011, 141.2676

 15.3239, 15.2234,
7.0218

218.6679,
224.7144, 177.4825

 9.1348, 8.9763,
3.3971

264.3645,
272.0681, 219.4111

 4.8870, 4.7257,
1.3008

316.0214,

 2.2152, 2.0873,

325.6466, 267.4722

0.0624

374.0039,
385.8344, 322.0841

■ 0.7507, 0.6574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.8003, 67.8645,
45.1757

■ 66.8003, 67.8645,
45.1757

■ 62.3389, 62.1512,
33.7939

■ 71.8485, 74.0783,
58.8278

■ 58.4321, 56.9132,
24.5514

■ 77.5032, 80.7978,
74.8627

■ 55.0524, 52.1371,
17.3104

■ 83.7895, 88.0400,
93.3906

■ 52.1670, 47.8045,
11.9149

■ 89.5478, 95.3458,
108.2916

■ 49.7388, 43.8953,
8.1852

■ 90.7722, 97.7947,
108.6998

■ 47.7234, 40.3863,
5.9052

■ 46.3708, 37.8720,
4.8660

Harmonies

Analogous

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



72.6443, 67.8645, 50.9866



66.8003, 67.8645, 45.1757



60.6924, 67.8645, 46.0760

Triad

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



66.8003, 67.8645, 45.1757



53.8718, 67.8645, 85.5977



73.9340, 67.8645, 98.6304

Complementary

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



66.8003, 67.8645, 45.1757



51.8883, 54.8569, 92.6478

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.



68.4702, 67.8645, 111.1181



66.8003, 67.8645, 45.1757



56.9942, 67.8645, 102.8002

Square

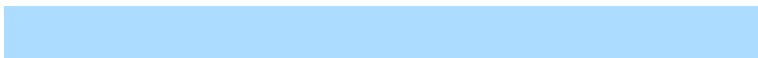
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8003, 67.8645, 45.1757



53.4882, 67.8645, 67.5795



62.2593, 67.8645, 112.7559



76.9352, 67.8645, 80.5877

Rectangle

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



66.8003, 67.8645, 45.1757



57.2805, 67.8645, 50.4063



62.2593, 67.8645, 112.7559



72.3088, 67.8645, 103.7326

Sweetspot

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



66.8020, 67.8676, 45.1771



87.8677, 91.7749, 87.5785



60.7034, 50.0799, 60.3788



18.6036, 19.4064, 18.1530



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.



66.8020, 67.8676, 45.1771



70.9798, 71.1992, 41.2549



74.0353, 84.9606, 48.0951



17.2932, 18.0706, 17.3741



25.5864, 21.0583, 2.7161



2.3504, 2.0541, 0.2726

Inverse Universe

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



51.8883, 54.8569, 92.6478



51.7803, 54.4570, 102.3899



46.2544, 41.9506, 90.4536



16.1573, 17.0790, 20.9876



11.6564, 9.1066, 47.6814



1.1239, 0.9993, 4.2239

Previews

White Background



This preview shows how the XYZ color 66.8003, 67.8645, 45.1757 looks on a white background.

Color Contrast Check

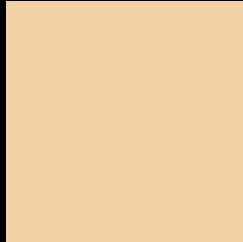
Large Text (above 18pt) WCAG AA × Fail

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 66.8003, 67.8645, 45.1757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

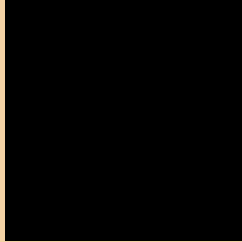
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8003, 67.8645, 45.1757

Background



This preview shows how black text looks on a background with the XYZ color 66.8003, 67.8645, 45.1757.



This preview shows how white text looks on a background with the XYZ color 66.8003, 67.8645,

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

66.8003, 67.8645, 45.1757

Protanopia

63.5886, 68.0489, 46.3425

Deuteranopia

69.0991, 67.5912, 45.4809



Tritanopia

73.2090, 67.9661, 76.2781

Trichromacy



Original Color

66.8003, 67.8645, 45.1757

Protanomaly

64.6089, 67.8341, 45.7644

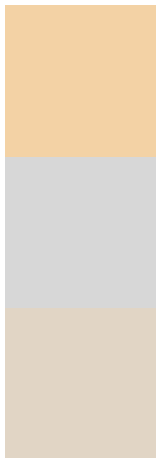
Deuteranomaly

68.2627, 67.5186, 45.5109

Tritanomaly

70.7379, 68.0403, 63.4376

Monochromacy



Original Color

66.8003, 67.8645, 45.1757

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9236, 67.6273, 62.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8003, 67.8645, 45.1757 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(243, 210, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 165)  
}
```

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(243, 210, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 165) }
```

Border

The CSS property to change the border of an element to XYZ 66.8003, 67.8645, 45.1757 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(243, 210, 165) }
```


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

```
.border{ border-color:rgb(243, 210, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8003, 67.8645, 45.1757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 165) }
```

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

```
.background{ background-color: rgb(243,  
210, 165) }
```

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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