

Converting Colors

XYZ(67.9069, 66.1562, 50.2161)

Have a look what the booklet for
XYZ(67.9069, 66.1562, 50.2161)
contains.

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Color

**XYZ(67.7871, 66.0945,
50.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CCB0
RGB	247, 204, 176
RGB Percent	97%, 80%, 69%
CMY	0.0314, 0.2000, 0.3098
CMYK	0.00, 0.17, 0.29, 0.03
HSL	24°, 82%, 83%
HSV	24°, 29%, 97%
XYZ	67.7871, 66.0945, 50.2590
YIQ	213.6650, 34.6160, 0.4080

Conversions

Conversions Part 2

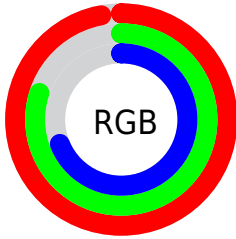
Format	Color
R _Y B	247, 222, 176
Decimal	16239792
CIE Lab	85.04, 11.19, 19.65
CIE LCh	85, 22.610, 60.344
Yxy	66.0945, 0.3681, 0.3589
Android (android.graphics.Color)	4294429872 (0xFFF7CCB0)
YUV	213.6650, -18.5688, 29.2348
Hunter-Lab	81.2985, 6.5617, 20.2557

Details

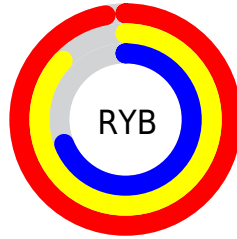
The XYZ color **67.7871, 66.0945, 50.2590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0237, 66.6064, 97.6886**, and the grayscale version is **63.7973, 67.1198, 73.0934**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **35.7167, 34.1899, 23.4557** is the 20% darker color. If you saturate the color by 10%, you get **62.1764, 58.4346, 37.4087**, and if you desaturate by 10%, it is **74.1874, 74.6213, 65.5677**.

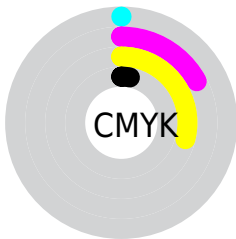
Distribution



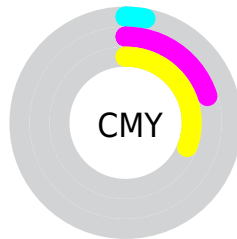
- Red (97%)
- Green (80%)
- Blue (69%)



- Red (97%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7871, 66.0945, 50.2590 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 67.7871, 66.0945, 50.2590 by changing the saturation by 10% instead.


 67.7871, 66.0945,
50.2590

 67.7871, 66.0945,
50.2590


442.1299,
446.7148, 404.4420

 49.9976, 48.3491,
35.2466


 115.0911,
113.6220, 91.9588

 35.6293, 34.1034,
23.5678


145.3363,
144.1728, 119.4832

 24.3168, 22.9731,
14.8041


180.4641,
179.7610, 152.0154

 15.6948, 14.5736,
8.5369

220.8399,
220.7708, 189.9740

 9.3979, 8.5207,
4.3477

266.8290,
267.5867, 233.7773

 5.0608, 4.4299,
1.8180

318.7968,

 2.3181, 1.9168,

320.5931, 283.8441

0.4398

377.1087,
380.1743, 340.5928

■ 0.8039, 0.5585,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7871, 66.0945,
50.2590

■ 67.7871, 66.0945,
50.2590

■ 62.1764, 58.4346,
37.4087

■ 74.1874, 74.6213,
65.5677

■ 57.3164, 51.6036,
26.8824

■ 81.4036, 84.0330,
83.4513

■ 53.1725, 45.5740,
18.5389

■ 89.4672, 94.3589,
104.0237

■ 49.7046, 40.3130,
12.2200

■ 92.1678, 98.5142,
108.7651

■ 46.8682, 35.7851,
7.7453

■ 44.6120, 31.9509,
4.9020

■ 42.8656, 28.7625,
3.3815

■ 42.6721, 28.4027,
3.2332

Harmonies

Analogous

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



71.6482, 66.0945, 58.7180



67.7871, 66.0945, 50.2590



62.7621, 66.0945, 47.4254

Triad

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



67.7871, 66.0945, 50.2590



53.5364, 66.0945, 72.1342



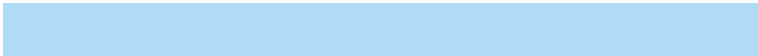
67.8943, 66.0945, 98.9565

Complementary

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



67.7871, 66.0945, 50.2590



60.0237, 66.6064, 97.6886

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.



62.8797, 66.0945, 103.7787



67.7871, 66.0945, 50.2590



54.7501, 66.0945, 87.0696

Square

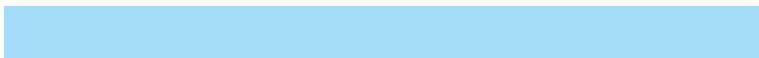
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7871, 66.0945, 50.2590



54.6964, 66.0945, 58.9730



58.1033, 66.0945, 99.1648



71.7124, 66.0945, 86.7388

Rectangle

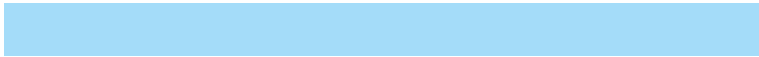
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7871, 66.0945, 50.2590



59.4804, 66.0945, 48.7610



58.1033, 66.0945, 99.1648



66.2840, 66.0945, 101.5643

Sweetspot

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



67.7888, 66.0976, 50.2604



87.2982, 90.0603, 89.1634



66.7732, 55.9814, 74.8465



18.4322, 18.9488, 18.4494



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

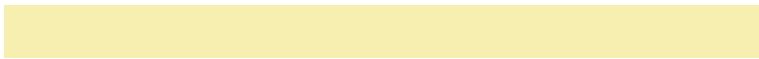
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7888, 66.0976, 50.2604



69.5734, 66.5735, 46.3755



76.9782, 84.4763, 53.3235



17.0354, 17.5548, 17.2881



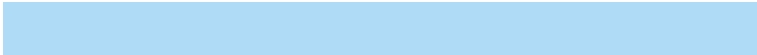
22.6967, 15.2790, 1.7529



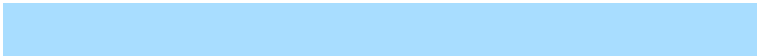
2.0920, 1.5373, 0.1865

Inverse Universe

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



60.0237, 66.6064, 97.6886



60.0666, 67.1862, 104.4101



51.8931, 50.3451, 94.9784



16.4162, 17.5966, 21.0738



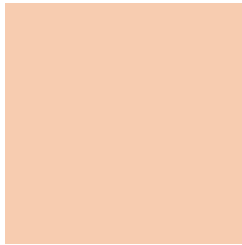
14.7534, 15.3006, 48.7137



1.3967, 1.5448, 4.3148

Previews

White Background



This preview shows how the XYZ color 67.7871, 66.0945, 50.2590 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 67.7871, 66.0945, 50.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

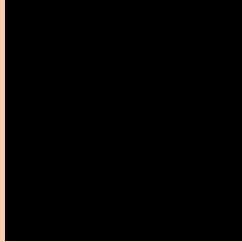
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7871, 66.0945, 50.2590

Background



This preview shows how black text looks on a background with the XYZ color 67.7871, 66.0945, 50.2590.



This preview shows how white text looks on a background with the XYZ color 67.7871, 66.0945,

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

67.7871, 66.0945, 50.2590

Protanopia

62.5222, 66.2295, 52.6683

Deuteranopia

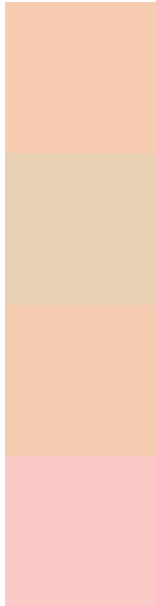
67.4354, 65.9132, 50.2426



Tritanopia

72.3447, 66.2111, 72.5854

Trichromacy



Original Color

67.7871, 66.0945, 50.2590

Protanomaly

64.2159, 66.0114, 52.0048

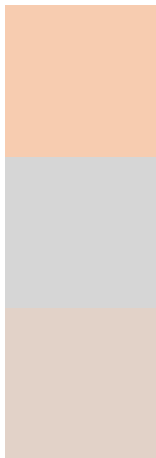
Deuteranomaly

67.4354, 65.9132, 50.2426

Tritanomaly

70.7363, 66.2674, 63.7063

Monochromacy



Original Color

67.7871, 66.0945, 50.2590

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8360, 66.4321, 64.0490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7871, 66.0945, 50.2590 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(247, 204, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 176)  
}
```

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(247, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 176) }
```

Border

The CSS property to change the border of an element to XYZ 67.7871, 66.0945, 50.2590 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(247, 204, 176) }
```


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

```
.border{ border-color:rgb(247, 204, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7871, 66.0945, 50.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 176) }
```

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

```
.background{ background-color: rgb(247,  
204, 176) }
```

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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