

Converting Colors

XYZ(67.4622, 65.3755, 52.5446)

Have a look what the booklet for
XYZ(67.4622, 65.3755, 52.5446)
contains.

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Color

**XYZ(67.7025, 65.6409,
52.8177)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F6CBB5 |
| RGB | 246, 203, 181 |
| RGB Percent | 96%, 80%, 71% |
| CMY | 0.0353, 0.2039, 0.2902 |
| CMYK | 0.00, 0.17, 0.26, 0.04 |
| HSL | 20°, 78%, 84% |
| HSV | 20°, 26%, 96% |
| XYZ | 67.7025, 65.6409, 52.8177 |
| YIQ | 213.3490, 32.6900, 2.2740 |

Conversions

Conversions Part 2

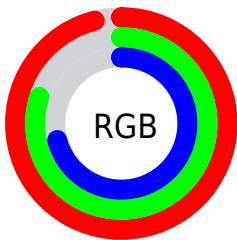
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 214, 181 |
| Decimal | 16174005 |
| CIE Lab | 84.81, 12.00, 16.67 |
| CIE LCh | 85, 20.539, 54.251 |
| Yxy | 65.6409, 0.3637, 0.3526 |
| Android (android.graphics.Color) | 4294364085 (0xFFF6CBB5) |
| YUV | 213.3490, -15.9481, 28.6349 |
| Hunter-Lab | 81.0191, 7.3778, 18.0612 |

Details

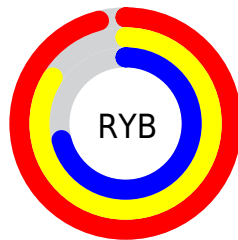
The XYZ color **67.7025, 65.6409, 52.8177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.3456, 69.7870, 97.3735**, and the grayscale version is **63.5691, 66.8796, 72.8319**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **35.6300, 33.8722, 25.0822** is the 20% darker color. If you saturate the color by 10%, you get **61.7550, 57.4347, 39.4622**, and if you desaturate by 10%, it is **74.5026, 74.8381, 68.6576**.

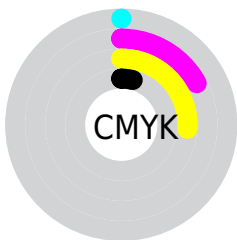
Distribution



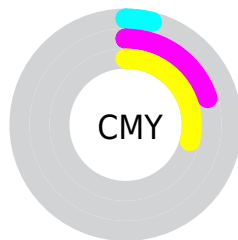
- Red (96%)
- Green (80%)
- Blue (71%)



- Red (96%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7025, 65.6409, 52.8177 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 67.7025, 65.6409, 52.8177 by changing the saturation by 10% instead.


 67.7025, 65.6409,
52.8177

 67.7025, 65.6409,
52.8177


441.8345,
445.0915, 414.6318

 49.9285, 47.9810,
37.2705


 114.9707,
112.9708, 95.7749

 35.5742, 33.8118,
25.1196

145.1956,
143.4095, 124.0220

 24.2741, 22.7491,
15.9463


180.3016,
178.8766, 157.3395

 15.6629, 14.4083,
9.3323

220.6540,
219.7564, 196.1459

 9.3753, 8.4052,
4.8588

266.6181,
266.4335, 240.8598

 5.0458, 4.3553,
2.1073


318.5593,


 2.3092, 1.8742,


319.2921, 291.8997


0.6201


376.8430,
378.7166, 349.6842


 0.7994, 0.5328,
0.0000


 0.0000, 0.0000,
0.0000


 67.7025, 65.6409,
52.8177


 67.7025, 65.6409,
52.8177


 61.7550, 57.4347,
39.4622


 74.5026, 74.8381,
68.6576


 56.6190, 50.1764,
28.4595

 82.1836, 85.0496,
87.0962

 52.2576, 43.8327,
19.6718

 90.7789, 96.3093,
108.2455

 48.6289, 38.3647,
12.9453

 91.8162, 98.3329,
108.7487

■ 45.6861, 33.7307,
8.1059

■ 43.3761, 29.8845,
4.9506

■ 41.6353, 26.7739,
3.2262

■ 41.1209, 25.8224,
2.8169

Harmonies

Analogous

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



70.8086, 65.6409, 61.5620



67.7025, 65.6409, 52.8177



63.2802, 65.6409, 49.1100

Triad

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



67.7025, 65.6409, 52.8177



53.9947, 65.6409, 68.9636



66.0944, 65.6409, 97.1513

Complementary

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



67.7025, 65.6409, 52.8177



62.3456, 69.7870, 97.3735

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.



61.5077, 65.6409, 99.7616



67.7025, 65.6409, 52.8177



54.6661, 65.6409, 82.3918

Square

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



67.7025, 65.6409, 52.8177



55.4816, 65.6409, 57.6673



57.3624, 65.6409, 94.0700



69.8487, 65.6409, 87.3202

Rectangle

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



67.7025, 65.6409, 52.8177



60.2371, 65.6409, 49.6196



57.3624, 65.6409, 94.0700



64.5930, 65.6409, 98.9491

Sweetspot

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



67.7042, 65.6439, 52.8191



87.7830, 90.4457, 91.1257



68.0303, 58.0413, 78.3764



18.5119, 18.9920, 18.8345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

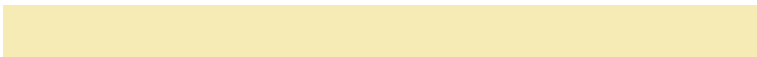
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7042, 65.6439, 52.8191



69.7140, 66.0774, 48.8183



76.1031, 82.4417, 55.6187



16.9576, 17.3994, 17.2622



22.0647, 14.0150, 1.5422



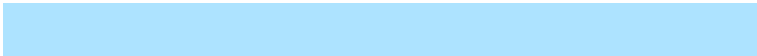
2.0306, 1.4144, 0.1660

Inverse Universe

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



62.3456, 69.7870, 97.3735



62.9441, 71.2937, 105.0513



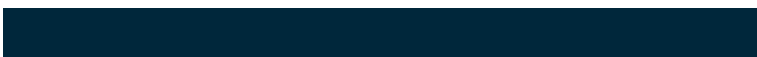
54.5044, 54.1045, 94.7597



16.4967, 17.7577, 21.1007



15.9782, 17.7501, 49.1220



1.4992, 1.7497, 4.3490

Previews

White Background



This preview shows how the XYZ color 67.7025, 65.6409, 52.8177 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 67.7025, 65.6409, 52.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

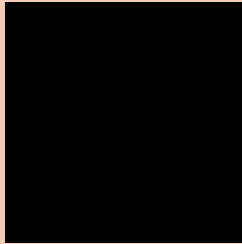
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7025, 65.6409, 52.8177

Background



This preview shows how black text looks on a background with the XYZ color 67.7025, 65.6409, 52.8177.



This preview shows how white text looks on a background with the XYZ color 67.7025, 65.6409,

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

67.7025, 65.6409, 52.8177

Protanopia

62.1754, 65.6209, 55.2880

Deuteranopia

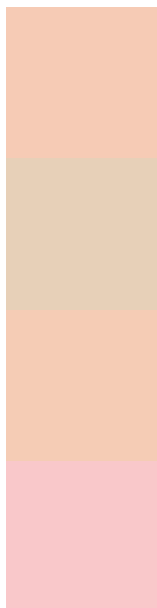
67.2416, 65.7550, 52.8640



Tritanopia

71.7560, 65.5672, 72.4921

Trichromacy



Original Color

67.7025, 65.6409, 52.8177

Protanomaly

64.1626, 65.5614, 54.6203

Deuteranomaly

67.5895, 65.9344, 52.8803

Tritanomaly

70.3819, 65.7126, 64.8514

Monochromacy



Original Color

67.7025, 65.6409, 52.8177

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3944, 65.8255, 64.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7025, 65.6409, 52.8177 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(246, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 181)  
}
```

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(246, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 181) }
```

Border

The CSS property to change the border of an element to XYZ 67.7025, 65.6409, 52.8177 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(246, 203, 181) }
```


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

```
.border{ border-color:rgb(246, 203, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 203, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 203,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7025, 65.6409, 52.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 181) }
```

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

```
.background{ background-color: rgb(246,  
203, 181) }
```

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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