

Converting Colors

XYZ(66.9392, 65.7840, 52.4040)

Have a look what the booklet for
XYZ(66.9392, 65.7840, 52.4040)
contains.

XYZ(66.7932, 65.5357, 52.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.7932, 65.5357,
52.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CCB4
RGB	243, 204, 180
RGB Percent	95%, 80%, 71%
CMY	0.0471, 0.2000, 0.2941
CMYK	0.00, 0.16, 0.26, 0.05
HSL	23°, 72%, 83%
HSV	23°, 26%, 95%
XYZ	66.7932, 65.5357, 52.3093
YIQ	212.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

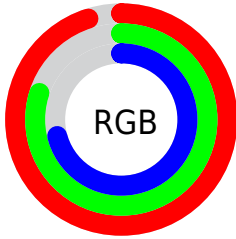
Format	Color
R _Y B	243, 219, 180
Decimal	15977652
CIE Lab	84.76, 10.22, 17.08
CIE LCh	85, 19.908, 59.099
Yxy	65.5357, 0.3618, 0.3549
Android (android.graphics.Color)	4294167732 (0xFFFF3CCB4)
YUV	212.9250, -16.2320, 26.3758
Hunter-Lab	80.9541, 5.6061, 18.3571

Details

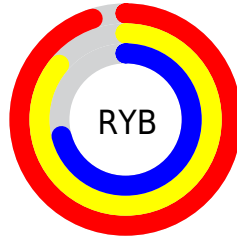
The XYZ color **66.7932, 65.5357, 52.3093** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3309, 66.8354, 94.5150**, and the grayscale version is **63.2878, 66.5836, 72.5096**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **34.9868, 33.7841, 24.7557** is the 20% darker color. If you saturate the color by 10%, you get **61.1278, 57.8251, 39.2598**, and if you desaturate by 10%, it is **73.2413, 74.1164, 67.7623**.

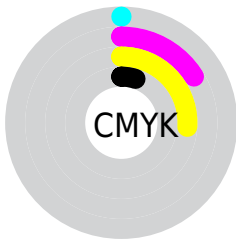
Distribution



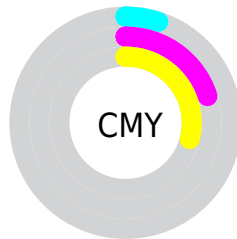
- Red (95%)
- Green (80%)
- Blue (71%)



- Red (95%)
- Yellow (86%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7932, 65.5357, 52.3093 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 66.7932, 65.5357, 52.3093 by changing the saturation by 10% instead.


 66.7932, 65.5357,
52.3093

 66.7932, 65.5357,
52.3093


438.6524,
444.7145, 412.6204

 49.1867, 47.8956,
36.8677


 113.6755,
112.8197, 95.0185

 34.9827, 33.7442,
24.8101

143.6819,
143.2323, 123.1231

 23.8160, 22.6972,
15.7179


178.5524,
178.6713, 156.2859

 15.3212, 14.3701,
9.1726

218.6522,
219.5210, 194.9253

 9.1329, 8.3785,
4.7556

264.3468,
266.1657, 239.4600

 4.8858, 4.3381,
2.0484

316.0014,

 2.2145, 1.8644,

318.9900, 290.3083

0.5848

373.9815,
378.3781, 347.8889

■ 0.7503, 0.5269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7932, 65.5357,
52.3093

■ 66.7932, 65.5357,
52.3093

■ 61.1278, 57.8251,
39.2598

■ 73.2413, 74.1164,
67.7623

■ 56.2077, 50.9471,
28.4870

■ 80.4974, 83.5854,
85.7284

■ 51.9995, 44.8745,
19.8589

■ 88.5918, 93.9714,
106.3155

■ 48.4653, 39.5750,
13.2278

■ 90.7722, 97.7947,
108.6998

■ 45.5629, 35.0136,
8.4271

■ 43.2442, 31.1520,
5.2624

■ 41.4518, 27.9470,
3.4939

■ 40.8408, 26.8118,
3.0226

Harmonies

Analogous

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



70.0783, 65.5357, 60.0793



66.7932, 65.5357, 52.3093



62.4245, 65.5357, 49.5314

Triad

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



66.7932, 65.5357, 52.3093



54.1114, 65.5357, 70.9721



66.5490, 65.5357, 95.0111

Complementary

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



66.7932, 65.5357, 52.3093



60.3309, 66.8354, 94.5150

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.



62.1551, 65.5357, 98.8044



66.7932, 65.5357, 52.3093



55.1007, 65.5357, 83.9649

Square

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



66.7932, 65.5357, 52.3093



55.2250, 65.5357, 59.4854



57.9934, 65.5357, 94.5449



69.9326, 65.5357, 84.7120

Rectangle

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



66.7932, 65.5357, 52.3093



59.5288, 65.5357, 50.5951



57.9934, 65.5357, 94.5449



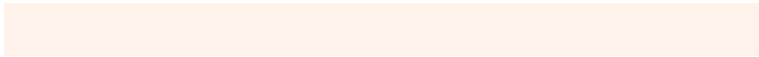
65.1347, 65.5357, 97.1401

Sweetspot

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



66.7949, 65.5387, 52.3107



88.0409, 90.9616, 91.2117



66.1890, 56.8600, 75.1278



18.5766, 19.1214, 18.8560



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.



66.7949, 65.5387, 52.3107



71.1598, 68.5692, 50.5330



74.7947, 81.5382, 54.9772



17.0167, 17.5174, 17.2819



22.5349, 14.9553, 1.6990



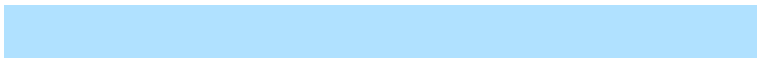
2.0766, 1.5063, 0.1813

Inverse Universe

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



60.3309, 66.8354, 94.5150



62.8358, 70.2296, 104.8516



53.0696, 52.3128, 92.0945



16.4354, 17.6352, 21.0803



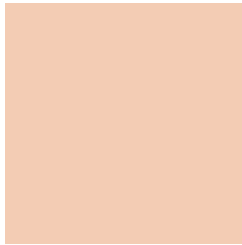
15.0349, 15.8635, 48.8076



1.4204, 1.5923, 4.3227

Previews

White Background



This preview shows how the XYZ color 66.7932, 65.5357, 52.3093 looks on a white background.

Color Contrast Check

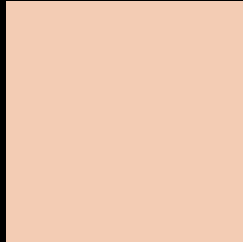
Large Text (above 18pt) WCAG AA × Fail

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 66.7932, 65.5357, 52.3093 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 66.7932, 65.5357, 52.3093

Background



This preview shows how black text looks on a background with the XYZ color 66.7932, 65.5357, 52.3093.



This preview shows how white text looks on a background with the XYZ color 66.7932, 65.5357,

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

66.7932, 65.5357, 52.3093

Protanopia

62.0702, 65.5788, 54.7339

Deuteranopia

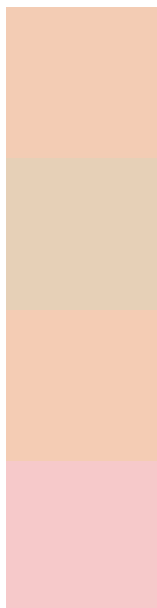
67.1393, 65.7141, 52.3255



Tritanopia

70.9188, 65.4760, 72.5186

Trichromacy



Original Color

66.7932, 65.5357, 52.3093

Protanomaly

63.7362, 65.3536, 54.0550

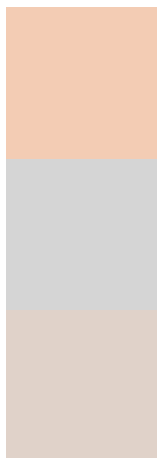
Deuteranomaly

67.1393, 65.7141, 52.3255

Tritanomaly

69.5534, 65.6304, 64.8792

Monochromacy



Original Color

66.7932, 65.5357, 52.3093

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3297, 66.1575, 64.6375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7932, 65.5357, 52.3093 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, 204, 180)` looks like.

```
.text, #text, p{  
    color:rgb(243, 204, 180)  
}
```

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, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 204, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.7932, 65.5357, 52.3093 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, 204, 180) }
```


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

```
.border{ border-color:rgb(243, 204, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 204, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 204, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 204, 180);  
box-shadow:4px 4px 4px 4px rgb(243, 204,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7932, 65.5357, 52.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 204, 180) }
```

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

```
.background{ background-color: rgb(243,  
204, 180) }
```

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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