

Converting Colors

XYZ(66.7829, 63.2465, 52.4099)

Have a look what the booklet for
XYZ(66.7829, 63.2465, 52.4099)
contains.

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Color

**XYZ(66.6645, 63.0429,
52.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C5B5
RGB	247, 197, 181
RGB Percent	97%, 77%, 71%
CMY	0.0314, 0.2274, 0.2902
CMYK	0.00, 0.20, 0.27, 0.03
HSL	15°, 80%, 84%
HSV	15°, 27%, 97%
XYZ	66.6645, 63.0429, 52.3710
YIQ	210.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

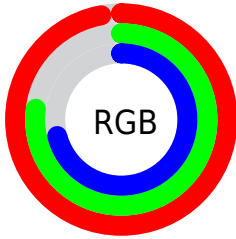
Format	Color
R _Y B	247, 202, 181
Decimal	16238005
CIE Lab	83.46, 15.52, 14.79
CIE LCh	83, 21.436, 43.626
Yxy	63.0429, 0.3661, 0.3462
Android (android.graphics.Color)	4294428085 (0xFFFF7C5B5)
YUV	210.1260, -14.3591, 32.3385
Hunter-Lab	79.3996, 10.9208, 16.4727

Details

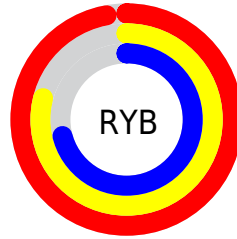
The XYZ color **66.6645, 63.0429, 52.3710** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4196, 73.6887, 98.8239**, and the grayscale version is **61.4180, 64.6165, 70.3674**.

A 20% lighter version of the original color is **91.9679, 98.2580, 94.2392**, and **34.9539, 32.1506, 24.7855** is the 20% darker color. If you saturate the color by 10%, you get **60.3635, 54.1435, 38.8558**, and if you desaturate by 10%, it is **73.9455, 73.1825, 68.4309**.

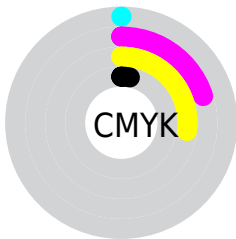
Distribution



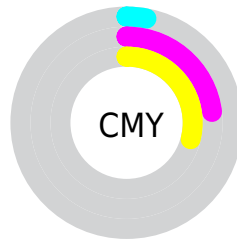
- Red (97%)
- Green (77%)
- Blue (71%)



- Red (97%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6645, 63.0429, 52.3710 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 66.6645, 63.0429, 52.3710 by changing the saturation by 10% instead.


 66.6645, 63.0429,
52.3710

 66.6645, 63.0429,
52.3710


438.2009,
435.7252, 412.8648

 49.0817, 45.8759,
36.9166


 113.4920,
109.2314, 95.1103

 34.8991, 32.1479,
24.8476


143.4674,
139.0217, 123.2323

 23.7513, 21.4745,
15.7456


178.3044,
173.7886, 156.4139

 15.2730, 13.4713,
9.1919

218.3684,
213.9164, 195.0736

 9.0988, 7.7539,
4.7680

264.0247,
259.7896, 239.6300

 4.8633, 3.9379,
2.0555

315.6386,

 2.2012, 1.6389,

311.7925, 290.5017

0.5891

373.5756,
370.3096, 348.1071

0.7434, 0.3836,
0.0000

0.0000, 0.0000,
0.0000

66.6645, 63.0429,
52.3710

66.6645, 63.0429,
52.3710

60.3635, 54.1435,
38.8558

73.9455, 73.1825,
68.4309

54.9946, 46.4275,
27.7500

82.2417, 84.5989,
87.1536

50.5130, 39.8467,
18.9116

91.5764, 97.3313,
108.5680

46.8684, 34.3462,
12.1821

92.1678, 98.5142,
108.7651

■ 44.0046, 29.8659,
7.3822

■ 41.8580, 26.3398,
4.3022

■ 40.3525, 23.6924,
2.6789

■ 39.9683, 22.9952,
2.3320

Harmonies

Analogous

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



69.0865, 63.0429, 62.7557



66.6645, 63.0429, 52.3710



62.4899, 63.0429, 46.7900

Triad

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



66.6645, 63.0429, 52.3710



51.7042, 63.0429, 61.6395



62.0629, 63.0429, 96.8206

Complementary

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



66.6645, 63.0429, 52.3710



64.4196, 73.6887, 98.8239

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.



57.4223, 63.0429, 96.4195



66.6645, 63.0429, 52.3710



51.6032, 63.0429, 74.8875

Square

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



66.6645, 63.0429, 52.3710



53.9307, 63.0429, 51.6458



53.6472, 63.0429, 87.9782



66.3379, 63.0429, 89.0118

Rectangle

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



66.6645, 63.0429, 52.3710



59.3537, 63.0429, 46.0256



53.6472, 63.0429, 87.9782



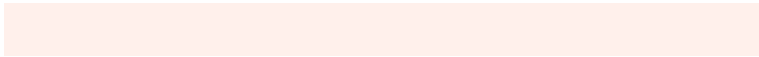
60.4907, 63.0429, 97.6695

Sweetspot

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



66.6662, 63.0458, 52.3723



87.2045, 89.2889, 90.9329



69.3908, 58.6261, 83.7054



18.3670, 18.7022, 18.7862



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.



66.6662, 63.0458, 52.3723



67.9332, 62.5158, 48.2247



74.8288, 79.3710, 55.0932



16.8254, 17.1350, 17.2182



21.2300, 12.3455, 1.2640



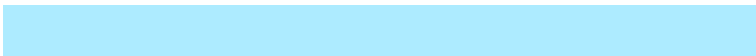
1.9430, 1.2392, 0.1368

Inverse Universe

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



64.4196, 73.6887, 98.8239



65.1412, 75.6880, 105.7837



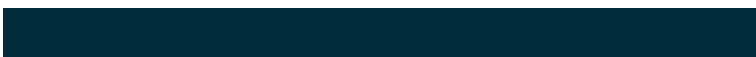
56.1767, 57.2029, 96.0763



16.6364, 18.0370, 21.1472



18.4050, 22.6038, 49.9310



1.6971, 2.1455, 4.4149

Previews

White Background



This preview shows how the XYZ color 66.6645, 63.0429, 52.3710 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 66.6645, 63.0429, 52.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

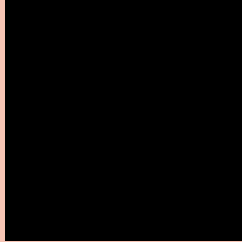
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6645, 63.0429, 52.3710

Background



This preview shows how black text looks on a background with the XYZ color 66.6645, 63.0429, 52.3710.



This preview shows how white text looks on a background with the XYZ color 66.6645, 63.0429,

52.3710.

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

66.6645, 63.0429, 52.3710

Protanopia

60.0341, 63.4086, 55.5293

Deuteranopia

64.3848, 63.2457, 51.9942



Tritanopia

69.8795, 63.0180, 68.1551

Trichromacy



Original Color

66.6645, 63.0429, 52.3710

Protanomaly

62.2395, 63.1404, 54.2543

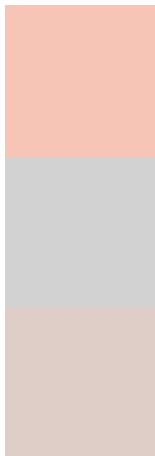
Deuteranomaly

65.1681, 63.3046, 51.9643

Tritanomaly

68.5518, 62.8005, 61.9347

Monochromacy



Original Color

66.6645, 63.0429, 52.3710

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.5716, 63.4741, 62.9867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6645, 63.0429, 52.3710 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, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 197, 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(247, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 197, 181) }
```

Border

The CSS property to change the border of an element to XYZ 66.6645, 63.0429, 52.3710 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, 197, 181) }
```


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

```
.border{ border-color:rgb(247, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 197,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6645, 63.0429, 52.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 197, 181) }
```

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

```
.background{ background-color: rgb(247,  
197, 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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