

Converting Colors

XYZ(65.9094, 58.7423, 50.8827)

Have a look what the booklet for
XYZ(65.9094, 58.7423, 50.8827)
contains.

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Color

**XYZ(66.0952, 58.8759,
51.0606)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB9B4
RGB	253, 185, 180
RGB Percent	99%, 73%, 71%
CMY	0.0078, 0.2745, 0.2941
CMYK	0.00, 0.27, 0.29, 0.01
HSL	4°, 95%, 85%
HSV	4°, 29%, 99%
XYZ	66.0952, 58.8759, 51.0606
YIQ	204.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

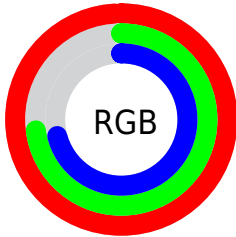
Format	Color
RYB	253, 185, 180
Decimal	16628148
CIELab	81.22, 23.91, 12.24
CIElCh	81, 26.862, 27.114
Yxy	58.8759, 0.3755, 0.3345
Android (android.graphics.Color)	4294818228 (0xFFFDDB9B4)
YUV	204.7620, -12.2077, 42.3047
Hunter-Lab	76.7306, 19.4800, 14.2568

Details

The XYZ color **66.0952, 58.8759, 51.0606** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1183, 83.9271, 105.4326**, and the grayscale version is **57.9348, 60.9520, 66.3767**.

A 20% lighter version of the original color is **87.8356, 90.2267, 92.1429**, and **34.5877, 29.6369, 23.9762** is the 20% darker color. If you saturate the color by 10%, you get **59.2215, 48.8834, 37.1931**, and if you desaturate by 10%, it is **74.2595, 70.6961, 67.6804**.

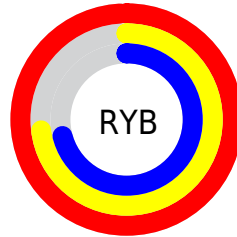
Distribution



Red (99%)

Green (73%)

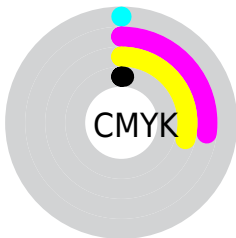
Blue (71%)



Red (99%)

Yellow (73%)

Blue (71%)

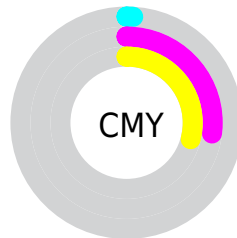


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0952, 58.8759, 51.0606 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 66.0952, 58.8759, 51.0606 by changing the saturation by 10% instead.


 66.0952, 58.8759,
51.0606

 66.0952, 58.8759,
51.0606

436.2005,
420.4419, 407.6525

 48.6177, 42.5132,
35.8798


 112.6799,
103.1973, 93.1568

 34.5296, 29.5034,
24.0524


142.5179,
131.9248, 120.9092

 23.4655, 19.4619,
15.1599


177.2066,
165.5427, 153.6892

 15.0602, 12.0045,
8.7838

217.1116,
204.4353, 191.9154

 8.9483, 6.7468,
4.5056

262.5981,
248.9872, 236.0063

 4.7643, 3.3042,
1.9066

314.0315,

 2.1430, 1.2926,

299.5827, 286.3804

0.4969

371.7772,
356.6061, 343.4563

■ 0.7124, 0.1354,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0952, 58.8759,
51.0606

■ 66.0952, 58.8759,
51.0606

■ 59.2215, 48.8834,
37.1931

■ 74.2595, 70.6961,
67.6804

■ 53.5679, 40.6197,
25.9261

■ 83.7709, 84.4202,
87.1860

■ 49.0643, 33.9890,
17.0983

■ 94.3181, 99.6227,
108.8657

■ 45.6315, 28.8830,
10.5292

■ 43.1802, 25.1801,
6.0133

■ 41.6065, 22.7403,
3.3077

■ 40.7750, 21.3911,
2.0631

■ 40.7140, 21.2944,
1.9644

Harmonies

Analogous

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



67.4100, 58.8759, 65.6702



66.0952, 58.8759, 51.0606



62.0085, 58.8759, 41.5520

Triad

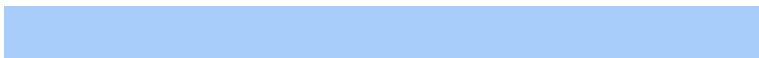
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0952, 58.8759, 51.0606



47.4008, 58.8759, 48.7858



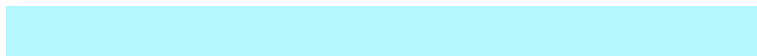
55.4197, 58.8759, 100.0750

Complementary

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



66.0952, 58.8759, 51.0606



70.1183, 83.9271, 105.4326

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.



50.3178, 58.8759, 93.6252



66.0952, 58.8759, 51.0606



45.8856, 58.8759, 62.5666

Square

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



66.0952, 58.8759, 51.0606



51.1972, 58.8759, 40.4006



46.9174, 58.8759, 79.2028



61.0090, 58.8759, 95.6370

Rectangle

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



66.0952, 58.8759, 51.0606



58.3941, 58.8759, 38.5117



46.9174, 58.8759, 79.2028



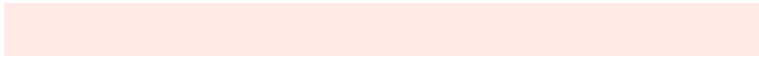
53.5940, 58.8759, 99.0863

Sweetspot

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



66.0968, 58.8787, 51.0618



85.1283, 85.7205, 88.4401



73.7937, 60.3114, 96.6676



17.9012, 17.8869, 18.2724



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.



66.0968, 58.8787, 51.0618



62.8277, 53.4594, 42.9636



74.7000, 76.0852, 53.9295



18.1094, 18.1869, 18.7003



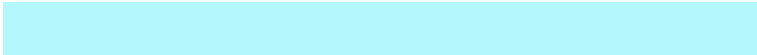
21.6942, 11.3996, 1.0569



2.1456, 1.1765, 0.1140

Inverse Universe

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



70.1183, 83.9271, 105.4326



67.5623, 82.9776, 107.0631



60.0045, 63.6996, 102.0614



18.4420, 20.2556, 23.1877



25.3792, 35.6680, 54.9816



2.5018, 3.5344, 5.3636

Previews

White Background



This preview shows how the XYZ color 66.0952, 58.8759, 51.0606 looks on a white background.

Color Contrast Check

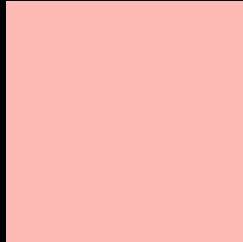
Large Text (above 18pt) WCAG AA × Fail

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 66.0952, 58.8759, 51.0606 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 66.0952, 58.8759, 51.0606

Background



This preview shows how black text looks on a background with the XYZ color 66.0952, 58.8759, 51.0606.



This preview shows how white text looks on a background with the XYZ color 66.0952, 58.8759,

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

66.0952, 58.8759, 51.0606

Protanopia

56.3664, 59.0027, 56.5619

Deuteranopia

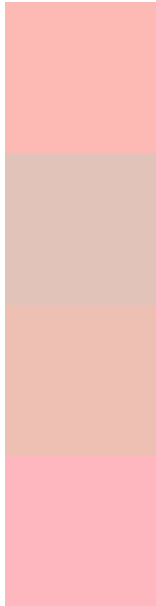
60.1841, 59.0676, 50.3486



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

66.0952, 58.8759, 51.0606

Protanomaly

59.4294, 58.5829, 54.6297

Deuteranomaly

62.0274, 58.6934, 50.7076

Tritanomaly

67.1008, 58.6555, 56.5002

Monochromacy



Original Color

66.0952, 58.8759, 51.0606

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.2821, 59.9033, 60.6098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0952, 58.8759, 51.0606 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(253, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 185, 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(253, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 185, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.0952, 58.8759, 51.0606 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(253, 185, 180) }
```


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

```
.border{ border-color:rgb(253, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 185,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0952, 58.8759, 51.0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 185, 180) }
```

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

```
.background{ background-color: rgb(253,  
185, 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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