

Converting Colors

XYZ(65.4523, 54.9284, 58.3421)

Have a look what the booklet for
XYZ(65.4523, 54.9284, 58.3421)
contains.

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Color

**XYZ(65.1892, 54.6648,
58.1545)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDADC2 |
| RGB | 253, 173, 194 |
| RGB Percent | 99%, 68%, 76% |
| CMY | 0.0078, 0.3215, 0.2392 |
| CMYK | 0.00, 0.32, 0.23, 0.01 |
| HSL | 344°, 95%, 84% |
| HSV | 344°, 32%, 99% |
| XYZ | 65.1892, 54.6648, 58.1545 |
| YIQ | 199.3140, 40.9390, 23.4910 |

Conversions

Conversions Part 2

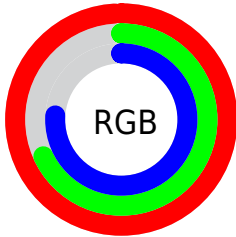
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 253, 173, 194 |
| Decimal | 16625090 |
| CIELab | 78.85, 32.12, 1.26 |
| CIElCh | 79, 32.141, 2.248 |
| Yxy | 54.6648, 0.3662, 0.3071 |
| Android (android.graphics.Color) | 4294815170 (0xFFFDADC2) |
| YUV | 199.3140, -2.6198, 47.0826 |
| Hunter-Lab | 73.9356, 27.9964, 5.1201 |

Details

The XYZ color **65.1892, 54.6648, 58.1545** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9267, 84.9624, 89.2200**, and the grayscale version is **54.4776, 57.3147, 62.4157**.

A 20% lighter version of the original color is **86.5146, 84.2008, 102.1350**, and **34.0299, 26.9581, 28.6092** is the 20% darker color. If you saturate the color by 10%, you get **58.8235, 45.0791, 46.3342**, and if you desaturate by 10%, it is **72.7396, 66.1980, 71.6692**.

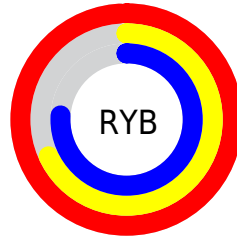
Distribution



Red (99%)

Green (68%)

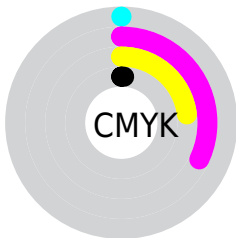
Blue (76%)



Red (99%)

Yellow (68%)

Blue (76%)

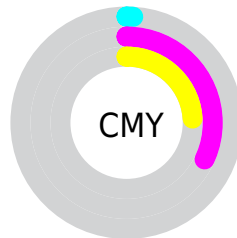


Cyan (0%)

Magenta (32%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1892, 54.6648, 58.1545 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 65.1892, 54.6648, 58.1545 by changing the saturation by 10% instead.

 65.1892, 54.6648,
58.1545

 65.1892, 54.6648,
58.1545


433.0060,
404.6400, 435.3757

 47.8798, 39.1334,
41.5173


 111.3860, 97.0497,
103.6648

 33.9425, 26.8635,
28.4008


141.0041,
124.6719, 133.3751

 23.0121, 17.4708,
18.3863


175.4559,
157.0933, 168.2801

 14.7232, 10.5707,
11.0554

215.1065,
194.6981, 208.7984

 8.7104, 5.7790,
5.9895

260.3215,
237.8708, 255.3486

 4.6084, 2.7111,
2.7700

311.4662,

 2.0517, 0.9829,

286.9958, 308.3492

0.9784

368.9059,
342.4574, 368.2187

■ 0.6628, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1892, 54.6648,
58.1545

■ 65.1892, 54.6648,
58.1545

■ 58.8235, 45.0791,
46.3342

■ 72.7396, 66.1980,
71.6692

■ 53.5764, 37.3252,
36.1366

■ 81.5274, 79.7704,
86.9395

■ 49.3817, 31.2874,
27.4893

■ 91.6073, 95.4772,
104.0275

■ 46.1646, 26.8331,
20.3130

■ 94.3182, 99.6228,
108.8658

■ 43.8395, 23.8103,
14.5207

■ 42.3048, 22.0365,
10.0148

■ 41.5035, 21.2809,
7.1367

Harmonies

Analogous

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



63.5740, 54.6648, 77.4037



65.1892, 54.6648, 58.1545



63.0256, 54.6648, 42.6895

Triad

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



65.1892, 54.6648, 58.1545



45.6890, 54.6648, 34.4995



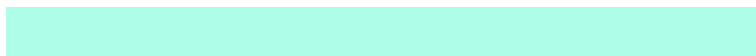
46.4575, 54.6648, 96.2945

Complementary

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



65.1892, 54.6648, 58.1545



66.9267, 84.9624, 89.2200

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.



42.2671, 54.6648, 80.2797



65.1892, 54.6648, 58.1545



41.8496, 54.6648, 44.6288

Square

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



65.1892, 54.6648, 58.1545



51.4780, 54.6648, 30.8887



40.6491, 54.6648, 60.9081



52.4395, 54.6648, 101.9270

Rectangle

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



65.1892, 54.6648, 58.1545



59.8267, 54.6648, 35.8607



40.6491, 54.6648, 60.9081



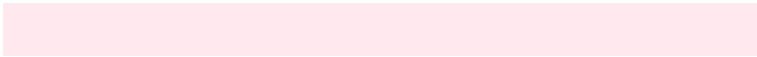
44.8100, 54.6648, 91.8051

Sweetspot

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



65.1907, 54.6674, 58.1556



85.5541, 85.1787, 92.8774



65.8457, 54.0818, 99.8974



18.0054, 17.7551, 19.3558



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.



65.1907, 54.6674, 58.1556



62.0867, 49.1889, 51.3127



66.8292, 61.4553, 47.8781



18.2051, 18.0653, 19.6970



22.1287, 11.3408, 4.0624



2.1972, 1.1213, 0.6200

Inverse Universe

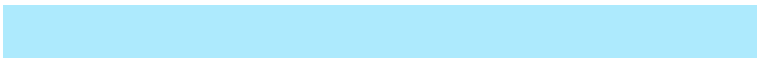
The Inverse Universe completely reimagines the original color for something new.



65.1907, 54.6674, 58.1556



62.0867, 49.1889, 51.3127



64.4830, 75.0135, 104.0094



18.2051, 18.0653, 19.6970



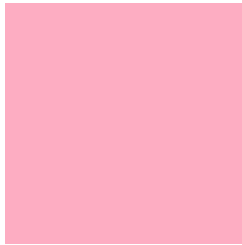
22.1287, 11.3408, 4.0624



2.1972, 1.1213, 0.6200

Previews

White Background



This preview shows how the XYZ color 65.1892, 54.6648, 58.1545 looks on a white background.

Color Contrast Check

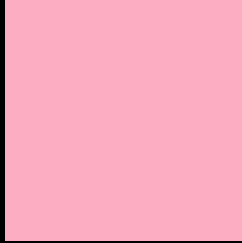
Large Text (above 18pt) WCAG AA × Fail

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 65.1892, 54.6648, 58.1545 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 65.1892, 54.6648, 58.1545

Background



This preview shows how black text looks on a background with the XYZ color 65.1892, 54.6648, 58.1545.



This preview shows how white text looks on a background with the XYZ color 65.1892, 54.6648,

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

65.1892, 54.6648, 58.1545

Protanopia

53.3192, 54.8243, 66.8034

Deuteranopia

55.9205, 54.7557, 56.9118



Tritanopia

64.2506, 54.5554, 54.1576

Trichromacy



Original Color

65.1892, 54.6648, 58.1545



Protanomaly

56.8348, 54.1338, 63.3305



Deuteranomaly

58.7610, 54.3308, 57.2590



Tritanomaly

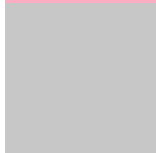
64.5752, 54.6853, 55.8670

Monochromacy



Original Color

65.1892, 54.6648, 58.1545



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.7049, 55.9182, 60.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1892, 54.6648, 58.1545 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, 173, 194)` looks like.

```
.text, #text, p{  
    color:rgb(253, 173, 194)  
}
```

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, 173, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 173, 194) }
```

Border

The CSS property to change the border of an element to XYZ 65.1892, 54.6648, 58.1545 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, 173, 194) }
```


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

```
.border{ border-color:rgb(253, 173, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 173, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 173, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 173, 194);  
box-shadow:4px 4px 4px 4px rgb(253, 173,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1892, 54.6648, 58.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 173, 194) }
```

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

```
.background{ background-color: rgb(253,  
173, 194) }
```

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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