

Converting Colors

XYZ(60.7948, 50.4457, 58.1625)

Have a look what the booklet for
XYZ(60.7948, 50.4457, 58.1625)
contains.

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Color

**XYZ(60.7948, 50.4457,
58.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A6C3
RGB	244, 166, 195
RGB Percent	96%, 65%, 76%
CMY	0.0431, 0.3490, 0.2353
CMYK	0.00, 0.32, 0.20, 0.04
HSL	338°, 78%, 80%
HSV	338°, 32%, 96%
XYZ	60.7948, 50.4457, 58.1625
YIQ	192.6280, 37.1790, 25.5550

Conversions

Conversions Part 2

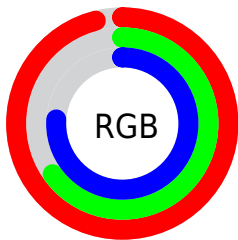
Format	Color
RYB	244, 166, 195
Decimal	16033475
CIELab	76.34, 32.78, -3.07
CIELCh	76, 32.921, 354.655
Yxy	50.4457, 0.3589, 0.2978
Android (android.graphics.Color)	4294223555 (0xFFFF4A6C3)
YUV	192.6280, 1.1694, 45.0532
Hunter-Lab	71.0251, 28.4952, 1.1650

Details

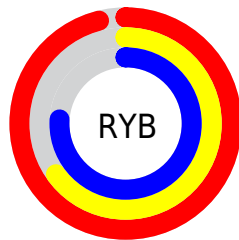
The XYZ color **60.7948, 50.4457, 58.1625** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.3445, 77.7160, 76.1140**, and the grayscale version is **50.4496, 53.0769, 57.8008**.

A 20% lighter version of the original color is **84.9320, 80.5308, 103.1631**, and **30.9625, 24.1724, 28.2331** is the 20% darker color. If you saturate the color by 10%, you get **55.1278, 41.7441, 48.1568**, and if you desaturate by 10%, it is **67.4841, 60.9060, 69.3879**.

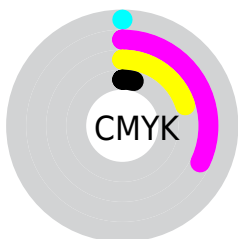
Distribution



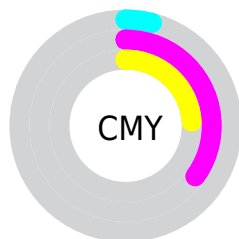
- Red (96%)
- Green (65%)
- Blue (76%)



- Red (96%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7948, 50.4457, 58.1625 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 60.7948, 50.4457, 58.1625 by changing the saturation by 10% instead.


 60.7948, 50.4457,
58.1625


 60.7948, 50.4457,
58.1625


417.3092,
388.4064, 435.4063

 44.3115, 35.7677,
41.5237


 105.0816, 90.8349,
103.6766

 31.1144, 24.2548,
28.4058

 133.6157,
117.3148, 133.3890

 20.8383, 15.5227,
18.3901


166.8976,
148.4976, 168.2963

 13.1176, 9.1871,
11.0581

205.2924,
184.7674, 208.8172

 7.5871, 4.8634,
5.9912

249.1657,
226.5088, 255.3700

 3.8815, 2.1673,
2.7710

298.8826,

 1.6353, 0.7021,

274.1062, 308.3735

0.9790

354.8087,
327.9439, 368.2461

■ 0.4153, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7948, 50.4457,
58.1625

■ 60.7948, 50.4457,
58.1625

■ 55.1278, 41.7441,
48.1568

■ 67.4841, 60.9060,
69.3879

■ 50.4256, 34.6966,
39.3238

■ 75.2404, 73.2078,
81.8717

■ 46.6317, 29.1982,
31.6175

■ 84.1109, 87.4373,
95.6542

■ 43.6813, 25.1292,
24.9871

■ 91.1185, 97.9732,
108.7160

■ 41.5005, 22.3515,
19.3773

■ 40.0012, 20.6995,
14.7259

■ 39.1842, 19.9835,
11.6237

Harmonies

Analogous

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



58.3208, 50.4457, 77.0898



60.7948, 50.4457, 58.1625



59.5929, 50.4457, 41.9042

Triad

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



60.7948, 50.4457, 58.1625



43.1535, 50.4457, 29.4152



41.3886, 50.4457, 87.6702

Complementary

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



60.7948, 50.4457, 58.1625



60.3445, 77.7160, 76.1140

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.



37.9269, 50.4457, 70.4013



60.7948, 50.4457, 58.1625



38.8828, 50.4457, 37.4795

Square

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



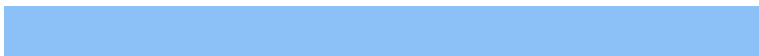
60.7948, 50.4457, 58.1625



49.0640, 50.4457, 27.5073



37.0504, 50.4457, 51.8134



46.8473, 50.4457, 96.3147

Rectangle

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



60.7948, 50.4457, 58.1625



56.9179, 50.4457, 34.2911



37.0504, 50.4457, 51.8134



39.9722, 50.4457, 82.5229

Sweetspot

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



60.7962, 50.4481, 58.1635



84.9749, 83.8065, 93.3433



57.7281, 48.1180, 91.8336



17.9067, 17.4884, 19.5364



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.



60.7962, 50.4481, 58.1635



63.2354, 49.6484, 57.3617



59.5425, 52.6876, 43.1108



16.7539, 16.5844, 18.4505



21.3666, 10.8901, 6.6391



1.9259, 0.9763, 0.8361

Inverse Universe

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



60.7962, 50.4481, 58.1635



63.2354, 49.6484, 57.3617



61.7365, 73.9995, 96.6180



16.7539, 16.5844, 18.4505



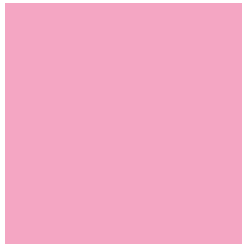
21.3666, 10.8901, 6.6391



1.9259, 0.9763, 0.8361

Previews

White Background



This preview shows how the XYZ color 60.7948, 50.4457, 58.1625 looks on a white background.

Color Contrast Check

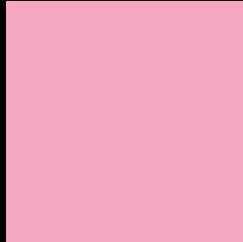
Large Text (above 18pt) WCAG AA × Fail

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 60.7948, 50.4457, 58.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

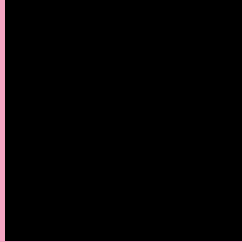
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7948, 50.4457, 58.1625

Background



This preview shows how black text looks on a background with the XYZ color 60.7948, 50.4457, 58.1625.



This preview shows how white text looks on a background with the XYZ color 60.7948, 50.4457,

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

60.7948, 50.4457, 58.1625

Protanopia

49.4052, 50.5338, 66.8246

Deuteranopia

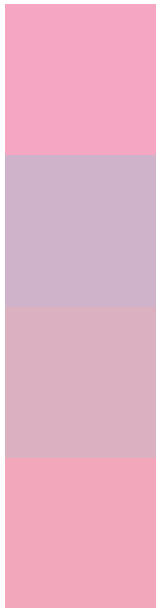
51.6248, 50.6519, 56.9250



Tritanopia

58.9611, 50.2187, 50.3017

Trichromacy



Original Color

60.7948, 50.4457, 58.1625

Protanomaly

52.6317, 49.8174, 63.3416

Deuteranomaly

54.5612, 50.3546, 57.2958

Tritanomaly

59.6438, 50.2373, 53.0076

Monochromacy



Original Color

60.7948, 50.4457, 58.1625

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.8225, 51.7591, 58.1927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7948, 50.4457, 58.1625 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(244, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 195)  
}
```

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(244, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.7948, 50.4457, 58.1625 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(244, 166, 195) }
```


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

```
.border{ border-color:rgb(244, 166, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7948, 50.4457, 58.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 166, 195) }
```

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

```
.background{ background-color: rgb(244,  
166, 195) }
```

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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