

Converting Colors

XYZ(58.4912, 48.7020, 46.8750)

Have a look what the booklet for
XYZ(58.4912, 48.7020, 46.8750)
contains.

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Color

**XYZ(58.4912, 48.7020,
46.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A3AF
RGB	245, 163, 175
RGB Percent	96%, 64%, 69%
CMY	0.0392, 0.3608, 0.3137
CMYK	0.00, 0.33, 0.29, 0.04
HSL	351°, 80%, 80%
HSV	351°, 33%, 96%
XYZ	58.4912, 48.7020, 46.8750
YIQ	188.8860, 45.0200, 21.1160

Conversions

Conversions Part 2

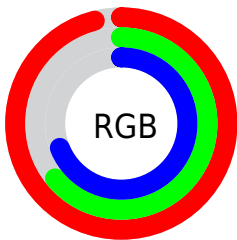
Format	Color
R_{YB}	245, 163, 175
Decimal	16098223
CIE _{Lab}	75.27, 31.91, 6.34
CIE _{LCh}	75, 32.530, 11.236
Yxy	48.7020, 0.3796, 0.3161
Android (android.graphics.Color)	4294288303 (0xFF5A3AF)
YUV	188.8860, -6.8458, 49.2120
Hunter-Lab	69.7868, 27.4813, 9.0264

Details

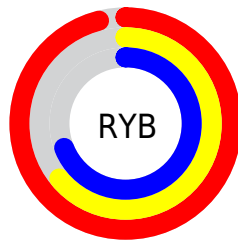
The XYZ color **58.4912, 48.7020, 46.8750** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.4668, 78.9756, 89.0463**, and the grayscale version is **48.3257, 50.8424, 55.3673**.

A 20% lighter version of the original color is **80.8544, 77.6362, 85.5867**, and **29.6446, 23.1467, 21.6442** is the 20% darker color. If you saturate the color by 10%, you get **52.6574, 40.0710, 35.5682**, and if you desaturate by 10%, it is **65.4885, 59.1501, 60.1405**.

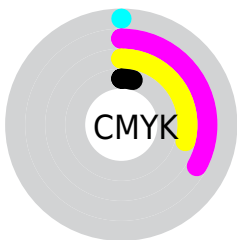
Distribution



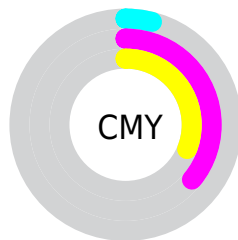
- Red (96%)
- Green (64%)
- Blue (69%)



- Red (96%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4912, 48.7020, 46.8750 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 58.4912, 48.7020, 46.8750 by changing the saturation by 10% instead.


 58.4912, 48.7020,
46.8750


 58.4912, 48.7020,
46.8750


408.9382,
381.5680, 390.6947

 42.4485, 34.3831,
32.5832

 101.7567, 88.2487,
86.8750

 29.6453, 23.1881,
21.5389


 129.7101,
114.2453, 113.4204

 19.7162, 14.7325,
13.3234

162.3645,
144.9033, 144.8873

 12.2960, 8.6318,
7.5183

200.0852,
180.6071, 181.6943

 7.0192, 4.5018,
3.7050

243.2376,
221.7411, 224.2601

 3.5206, 1.9581,
1.4649

292.1870,

 1.4347, 0.5829,

268.6896, 273.0030

0.1916

347.2987,
321.8371, 328.3417

■ 0.2807, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4912, 48.7020,
46.8750

■ 58.4912, 48.7020,
46.8750

■ 52.6574, 40.0710,
35.5682

■ 65.4885, 59.1501,
60.1405

■ 47.9196, 33.1467,
26.1239

■ 73.7040, 71.5037,
75.4488

■ 44.2097, 27.8173,
18.4424

■ 83.1934, 85.8537,
92.8823

■ 41.4498, 23.9550,
12.4131

■ 91.4662, 98.1525,
108.7323

■ 39.5511, 21.4120,
7.9127

■ 38.4067, 20.0093,
4.7999

■ 37.9722, 19.5389,
3.4264

Harmonies

Analogous

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



58.0362, 48.7020, 64.3264



58.4912, 48.7020, 46.8750



55.4734, 48.7020, 34.1702

Triad

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



58.4912, 48.7020, 46.8750



39.1256, 48.7020, 31.9423



42.6933, 48.7020, 90.6604

Complementary

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



58.4912, 48.7020, 46.8750



62.4668, 78.9756, 89.0463

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.



38.1802, 48.7020, 77.7941



58.4912, 48.7020, 46.8750



36.2460, 48.7020, 43.1370

Square

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



58.4912, 48.7020, 46.8750



44.0882, 48.7020, 26.8698



35.9154, 48.7020, 59.6976



48.5635, 48.7020, 92.2678

Rectangle

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



58.4912, 48.7020, 46.8750



52.0385, 48.7020, 29.1079



35.9154, 48.7020, 59.6976



40.9809, 48.7020, 87.3973

Sweetspot

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



58.4925, 48.7043, 46.8760



84.1388, 83.4721, 88.9406



63.0865, 50.0626, 92.7243



17.7056, 17.4080, 18.4776



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.



58.4925, 48.7043, 46.8760



59.6918, 46.8667, 42.9075



63.0524, 59.6266, 42.8392



16.5979, 16.5220, 17.6291



20.4867, 10.5381, 2.0053



1.8300, 0.9379, 0.3310

Inverse Universe

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



58.4925, 48.7043, 46.8760



59.6918, 46.8667, 42.9075



56.2204, 63.6466, 95.7082



16.5979, 16.5220, 17.6291



20.4867, 10.5381, 2.0053



1.8300, 0.9379, 0.3310

Previews

White Background



This preview shows how the XYZ color 58.4912, 48.7020, 46.8750 looks on a white background.

Color Contrast Check

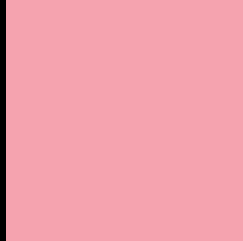
Large Text (above 18pt) WCAG AA × Fail

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 58.4912, 48.7020, 46.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

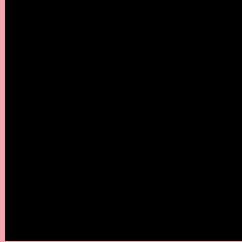
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4912, 48.7020, 46.8750

Background



This preview shows how black text looks on a background with the XYZ color 58.4912, 48.7020, 46.8750.



This preview shows how white text looks on a background with the XYZ color 58.4912, 48.7020,

46.8750.

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

58.4912, 48.7020, 46.8750

Protanopia

47.3049, 49.1046, 53.9986

Deuteranopia

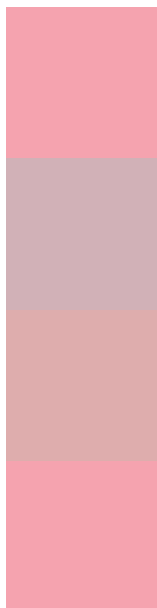
49.8610, 48.7741, 45.8161



Tritanopia

58.4912, 48.7020, 46.8750

Trichromacy



Original Color

58.4912, 48.7020, 46.8750

Protanomaly

50.5639, 48.4185, 51.4804

Deuteranomaly

52.6106, 48.4339, 46.1110

Tritanomaly

58.4912, 48.7020, 46.8750

Monochromacy



Original Color

58.4912, 48.7020, 46.8750

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.2675, 49.6585, 52.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4912, 48.7020, 46.8750 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(245, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 175)  
}
```

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(245, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 175) }
```

Border

The CSS property to change the border of an element to XYZ 58.4912, 48.7020, 46.8750 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(245, 163, 175) }
```


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

```
.border{ border-color:rgb(245, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4912, 48.7020, 46.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 175) }
```

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

```
.background{ background-color: rgb(245,  
163, 175) }
```

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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