

Converting Colors

XYZ(58.2082, 48.5823, 45.3593)

Have a look what the booklet for
XYZ(58.2082, 48.5823, 45.3593)
contains.

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Color

**XYZ(58.1998, 48.5854,
45.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A3AC
RGB	245, 163, 172
RGB Percent	96%, 64%, 67%
CMY	0.0392, 0.3608, 0.3255
CMYK	0.00, 0.33, 0.30, 0.04
HSL	353°, 80%, 80%
HSV	353°, 33%, 96%
XYZ	58.1998, 48.5854, 45.3402
YIQ	188.5440, 45.9830, 20.1830

Conversions

Conversions Part 2

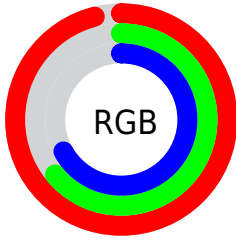
Format	Color
R_{YB}	245, 163, 172
Decimal	16098220
CIE _{Lab}	75.19, 31.51, 7.88
CIE _{LCh}	75, 32.483, 14.038
Yxy	48.5854, 0.3826, 0.3194
Android (android.graphics.Color)	4294288300 (0xFFF5A3AC)
YUV	188.5440, -8.1562, 49.5119
Hunter-Lab	69.7032, 27.0607, 10.2256

Details

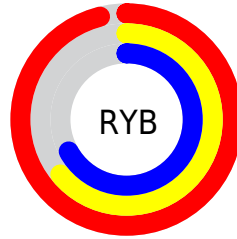
The XYZ color **58.1998, 48.5854, 45.3402** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8991, 79.1487, 91.3230**, and the grayscale version is **48.1373, 50.6442, 55.1515**.

A 20% lighter version of the original color is **80.4366, 77.4691, 83.3866**, and **29.4596, 23.0727, 20.6701** is the 20% darker color. If you saturate the color by 10%, you get **52.3378, 39.9432, 33.8853**, and if you desaturate by 10%, it is **65.2509, 59.0550, 58.8889**.

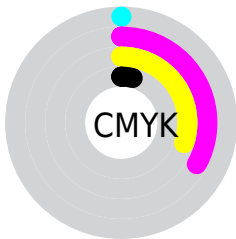
Distribution



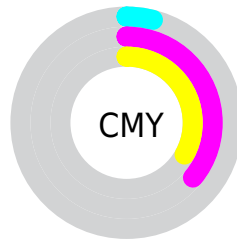
- Red (96%)
- Green (64%)
- Blue (67%)



- Red (96%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1998, 48.5854, 45.3402 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 58.1998, 48.5854, 45.3402 by changing the saturation by 10% instead.


 58.1998, 48.5854,
45.3402


 58.1998, 48.5854,
45.3402


407.8719,
381.1078, 384.3499

 42.2132, 34.2907,
31.3806


 101.3351, 88.0754,
84.5545

 29.4601, 23.1170,
20.6279

 129.2144,
114.0394, 110.6463

 19.5752, 14.6799,
12.6637


161.7887,
144.6621, 141.6193

 12.1931, 8.5951,
7.0694

199.4233,
180.3277, 177.8919

 6.9484, 4.4780,
3.4264

242.4836,
221.4207, 219.8827

 3.4759, 1.9444,
1.3163

291.3348,

 1.4102, 0.5749,

268.3255, 268.0103

0.0751

346.3425,
321.4264, 322.6931

■ 0.2634, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1998, 48.5854,
45.3402

■ 58.1998, 48.5854,
45.3402

■ 52.3378, 39.9432,
33.8853

■ 65.2509, 59.0550,
58.8889

■ 47.5954, 33.0170,
24.4166

■ 73.5477, 71.4412,
74.6255

■ 43.9019, 27.6942,
16.8217

■ 83.1479, 85.8355,
92.6423

■ 41.1768, 23.8458,
10.9752

■ 91.4663, 98.1525,
108.7323

■ 39.3278, 21.3227,
6.7367

■ 38.2442, 19.9443,
3.9434

■ 37.8527, 19.4911,
2.7966

Harmonies

Analogous

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



58.0837, 48.5854, 62.4401



58.1998, 48.5854, 45.3402



54.9077, 48.5854, 33.2260

Triad

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



58.1998, 48.5854, 45.3402



38.6692, 48.5854, 32.6581



43.1016, 48.5854, 91.1008

Complementary

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



58.1998, 48.5854, 45.3402



62.8991, 79.1487, 91.3230

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.



38.4281, 48.5854, 79.1228



58.1998, 48.5854, 45.3402



36.0233, 48.5854, 44.3870

Square

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



58.1998, 48.5854, 45.3402



43.4573, 48.5854, 27.0421



35.9390, 48.5854, 61.2594



49.0119, 48.5854, 91.5110

Rectangle

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



58.1998, 48.5854, 45.3402



51.3744, 48.5854, 28.5590



35.9390, 48.5854, 61.2594



41.3462, 48.5854, 88.1946

Sweetspot

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



58.2011, 48.5877, 45.3412



84.0056, 83.4188, 88.2395



63.9843, 50.5254, 92.7665



17.6737, 17.3952, 18.3094



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.



58.2011, 48.5877, 45.3412



59.3492, 46.7297, 41.1035



63.6570, 60.8356, 43.0406



16.5730, 16.5121, 17.4981



20.4162, 10.5099, 1.6342



1.8182, 0.9332, 0.2691

Inverse Universe

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



58.2011, 48.5877, 45.3412



59.3492, 46.7297, 41.1035



55.5247, 62.2552, 95.4765



16.5730, 16.5121, 17.4981



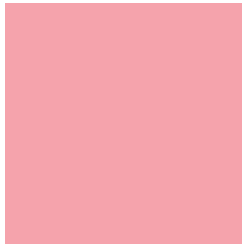
20.4162, 10.5099, 1.6342



1.8182, 0.9332, 0.2691

Previews

White Background



This preview shows how the XYZ color 58.1998, 48.5854, 45.3402 looks on a white background.

Color Contrast Check

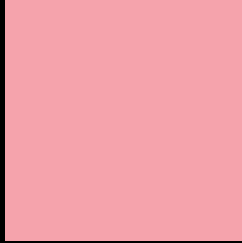
Large Text (above 18pt) WCAG AA × Fail

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 58.1998, 48.5854, 45.3402 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 58.1998, 48.5854, 45.3402

Background



This preview shows how black text looks on a background with the XYZ color 58.1998, 48.5854, 45.3402.



This preview shows how white text looks on a background with the XYZ color 58.1998, 48.5854,

45.3402.

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

58.1998, 48.5854, 45.3402

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

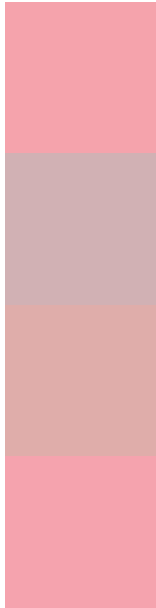
49.8599, 48.8064, 44.3288



Tritanopia

58.4912, 48.7020, 46.8750

Trichromacy



Original Color

58.1998, 48.5854, 45.3402

Protanomaly

50.2549, 48.2949, 49.8531

Deuteranomaly

52.6307, 48.4774, 44.6133

Tritanomaly

58.3934, 48.6629, 46.3596

Monochromacy



Original Color

58.1998, 48.5854, 45.3402

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.1630, 49.6167, 51.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1998, 48.5854, 45.3402 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 172) }
```

Border

The CSS property to change the border of an element to XYZ 58.1998, 48.5854, 45.3402 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, 172) }
```


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

```
.border{ border-color:rgb(245, 163, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1998, 48.5854, 45.3402 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, 172) }
```

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

```
.background{ background-color: rgb(245,  
163, 172) }
```

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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