

Converting Colors

XYZ(57.8321, 48.6280, 44.1312)

Have a look what the booklet for
XYZ(57.8321, 48.6280, 44.1312)
contains.

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Color

**XYZ(57.8394, 48.6863,
44.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A4AA
RGB	244, 164, 170
RGB Percent	96%, 64%, 67%
CMY	0.0431, 0.3568, 0.3333
CMYK	0.00, 0.33, 0.30, 0.04
HSL	356°, 78%, 80%
HSV	356°, 33%, 96%
XYZ	57.8394, 48.6863, 44.3791
YIQ	188.6040, 45.7540, 18.8260

Conversions

Conversions Part 2

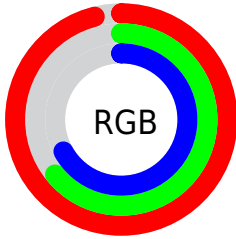
Format	Color
R _Y B	244, 164, 170
Decimal	16032938
CIE Lab	75.26, 30.36, 9.05
CIE LCh	75, 31.683, 16.598
Yxy	48.6863, 0.3833, 0.3226
Android (android.graphics.Color)	4294223018 (0xFFFF4A4AA)
YUV	188.6040, -9.1718, 48.5823
Hunter-Lab	69.7756, 25.8576, 11.1329

Details

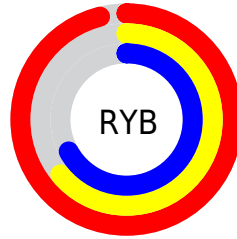
The XYZ color **57.8394, 48.6863, 44.3791** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0953, 78.7681, 92.7714**, and the grayscale version is **48.1772, 50.6862, 55.1973**.

A 20% lighter version of the original color is **80.4238, 77.8826, 82.0282**, and **29.2042, 23.1160, 20.0621** is the 20% darker color. If you saturate the color by 10%, you get **51.9292, 39.9945, 32.7636**, and if you desaturate by 10%, it is **64.9565, 59.2046, 58.2065**.

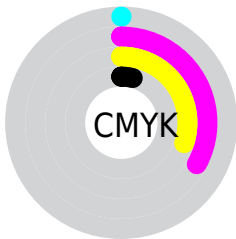
Distribution



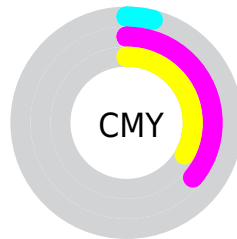
- Red (96%)
- Green (64%)
- Blue (67%)



- 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 57.8394, 48.6863, 44.3791 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 57.8394, 48.6863, 44.3791 by changing the saturation by 10% instead.


 57.8394, 48.6863,
44.3791

 57.8394, 48.6863,
44.3791

406.5508,
381.5060, 380.3396

 41.9223, 34.3707,
30.6293

 100.8133, 88.2254,
83.0964

 29.2313, 23.1785,
20.0606


 128.6007,
114.2176, 108.9010

 19.4010, 14.7254,
12.2546


161.0757,
144.8709, 139.5610

 12.0661, 8.6269,
6.7927

198.6036,
180.5695, 175.4948

 6.8613, 4.4986,
3.2563

241.5497,
221.6980, 217.1210

 3.4210, 1.9562,
1.2270

290.2793,

 1.3801, 0.5818,

268.6406, 264.8582

0.0008

345.1579,
321.7818, 319.1249

■ 0.2420, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8394, 48.6863,
44.3791

■ 57.8394, 48.6863,
44.3791

■ 51.9292, 39.9945,
32.7636

■ 64.9565, 59.2046,
58.2065

■ 47.1552, 33.0187,
23.2425

■ 73.3381, 71.6380,
74.3492

■ 43.4454, 27.6472,
15.6917

■ 83.0431, 86.0774,
92.9077

■ 40.7178, 23.7522,
9.9729

■ 91.1183, 97.9731,
108.7160

■ 38.8786, 21.1864,
5.9300

■ 37.8154, 19.7719,
3.3803

■ 37.4199, 19.2778,
2.3333

Harmonies

Analogous

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



58.0269, 48.6863, 60.7854



57.8394, 48.6863, 44.3791



54.3912, 48.6863, 32.9817

Triad

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



57.8394, 48.6863, 44.3791



38.6167, 48.6863, 33.9110



43.7312, 48.6863, 90.6643

Complementary

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



57.8394, 48.6863, 44.3791



63.0953, 78.7681, 92.7714

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.



39.0090, 48.6863, 79.8488



57.8394, 48.6863, 44.3791



36.2274, 48.6863, 45.9297

Square

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



57.8394, 48.6863, 44.3791



43.1535, 48.6863, 27.8626



36.3647, 48.6863, 62.6956



49.5432, 48.6863, 90.0046

Rectangle

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



57.8394, 48.6863, 44.3791



50.8597, 48.6863, 28.7178



36.3647, 48.6863, 62.6956



41.9742, 48.6863, 88.1674

Sweetspot

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



57.8407, 48.6886, 44.3801



83.8798, 83.3685, 87.5768



64.6425, 51.1469, 92.0535



17.6435, 17.3831, 18.1507



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.



57.8407, 48.6886, 44.3801



59.6642, 47.5306, 40.6814



64.0526, 61.9995, 43.7161



16.5495, 16.5027, 17.3743



20.3651, 10.4895, 1.3650



1.8070, 0.9288, 0.2102

Inverse Universe

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



57.8407, 48.6886, 44.3801



59.6642, 47.5306, 40.6814



54.8525, 60.8493, 94.4422



16.5495, 16.5027, 17.3743



20.3651, 10.4895, 1.3650



1.8070, 0.9288, 0.2102

Previews

White Background



This preview shows how the XYZ color 57.8394, 48.6863, 44.3791 looks on a white background.

Color Contrast Check

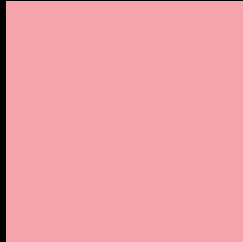
Large Text (above 18pt) WCAG AA × Fail

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 57.8394, 48.6863, 44.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

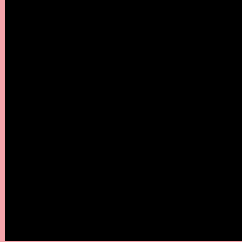
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8394, 48.6863, 44.3791

Background



This preview shows how black text looks on a background with the XYZ color 57.8394, 48.6863, 44.3791.



This preview shows how white text looks on a background with the XYZ color 57.8394, 48.6863,

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

57.8394, 48.6863, 44.3791

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

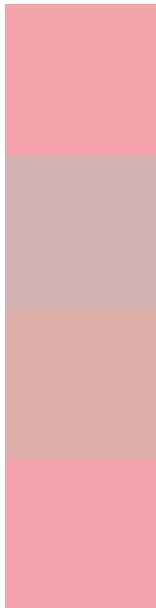
49.6735, 48.7319, 43.3473



Tritanopia

58.4912, 48.7020, 46.8750

Trichromacy



Original Color

57.8394, 48.6863, 44.3791

Protanomaly

50.2363, 48.3202, 48.2740

Deuteranomaly

52.3281, 48.6289, 43.6741

Tritanomaly

58.2962, 48.6240, 45.8480

Monochromacy



Original Color

57.8394, 48.6863, 44.3791

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.0593, 49.5752, 51.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8394, 48.6863, 44.3791 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, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 170)  
}
```

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, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.8394, 48.6863, 44.3791 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, 164, 170) }
```


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

```
.border{ border-color:rgb(244, 164, 170) }
```

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

Here you see how a box with a 4 pixel rgb(244, 164, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8394, 48.6863, 44.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 164, 170) }
```

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

```
.background{ background-color: rgb(244,  
164, 170) }
```

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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