

Converting Colors

XYZ(58.5981, 51.9635, 46.2856)

Have a look what the booklet for
XYZ(58.5981, 51.9635, 46.2856)
contains.

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Color

**XYZ(58.8080, 52.2023,
46.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AFAD
RGB	240, 175, 173
RGB Percent	94%, 69%, 68%
CMY	0.0588, 0.3137, 0.3216
CMYK	0.00, 0.27, 0.28, 0.06
HSL	2°, 69%, 81%
HSV	2°, 28%, 94%
XYZ	58.8080, 52.2023, 46.5117
YIQ	194.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

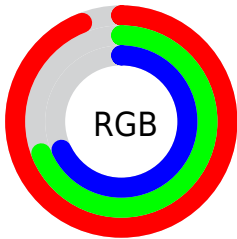
Format	Color
R _Y B	240, 175, 173
Decimal	15773613
CIE Lab	77.40, 23.47, 10.41
CIE LCh	77, 25.672, 23.928
Yxy	52.2023, 0.3733, 0.3314
Android (android.graphics.Color)	4293963693 (0xFF0AFAD)
YUV	194.2070, -10.4551, 40.1605
Hunter-Lab	72.2512, 18.8485, 12.4079

Details

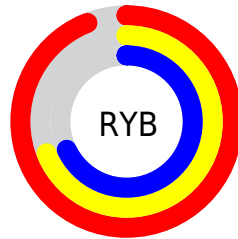
The XYZ color **58.8080, 52.2023, 46.5117** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.5355, 76.3224, 93.8215**, and the grayscale version is **51.4455, 54.1247, 58.9418**.

A 20% lighter version of the original color is **83.8195, 84.0133, 85.1972**, and **29.9392, 25.3668, 21.4075** is the 20% darker color. If you saturate the color by 10%, you get **52.5437, 43.0623, 33.9768**, and if you desaturate by 10%, it is **66.2735, 63.0765, 61.5061**.

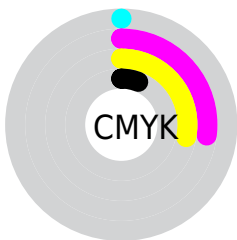
Distribution



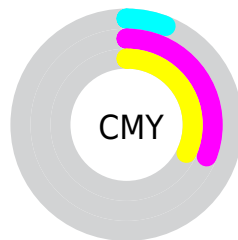
- Red (94%)
- Green (69%)
- Blue (68%)



- Red (94%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8080, 52.2023, 46.5117 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 58.8080, 52.2023, 46.5117 by changing the saturation by 10% instead.

58.8080, 52.2023,
46.5117

58.8080, 52.2023,
46.5117

410.0955,
395.2171, 389.1992

42.7044, 37.1664,
32.2982

102.2148, 93.4295,
86.3266

29.8467, 25.3363,
21.3227

130.2486,
120.3896, 112.7651

19.8698, 16.3278,
13.1665

162.9899,
152.0931, 144.1158

12.4081, 9.7564,
7.4113

200.8040,
188.9246, 180.7970

7.0964, 5.2377,
3.6383

244.0563,
231.2683, 223.2275

3.5694, 2.3874,
1.4291

293.1120,

1.4615, 0.8194,

279.5087, 271.8256

0.1642

348.3367,
334.0302, 327.0100

■ 0.2994, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8080, 52.2023,
46.5117

■ 58.8080, 52.2023,
46.5117

■ 52.5437, 43.0623,
33.9768

■ 66.2735, 63.0765,
61.5061

■ 47.4140, 35.5599,
23.7672

■ 74.9938, 75.7602,
79.0782

■ 43.3522, 29.6007,
15.7408

■ 85.0246, 90.3332,
99.3421

■ 40.2830, 25.0774,
9.7387

■ 89.7453, 97.2653,
108.6517

■ 38.1212, 21.8689,
5.5802

■ 36.7674, 19.8347,
3.0531

■ 36.0946, 18.8000,
1.8700

■ 36.0133, 18.6812,
1.7077

Harmonies

Analogous

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



59.6661, 52.2023, 59.7635



58.8080, 52.2023, 46.5117



55.4178, 52.2023, 37.5774

Triad

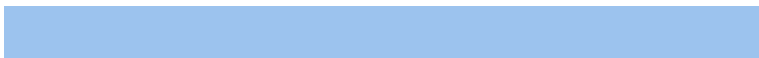
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8080, 52.2023, 46.5117



42.3335, 52.2023, 42.2894



48.6195, 52.2023, 88.3813

Complementary

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



58.8080, 52.2023, 46.5117



63.5355, 76.3224, 93.8215

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.



44.2353, 52.2023, 81.7636



58.8080, 52.2023, 46.5117



40.7642, 52.2023, 54.0124

Square

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



58.8080, 52.2023, 46.5117



45.8657, 52.2023, 35.4373



41.4368, 52.2023, 68.5929



53.5668, 52.2023, 85.4826

Rectangle

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



58.8080, 52.2023, 46.5117



52.2910, 52.2023, 34.5157



41.4368, 52.2023, 68.5929



47.0352, 52.2023, 87.1656

Sweetspot

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



58.8094, 52.2048, 46.5128



85.9462, 86.7722, 90.5135



66.4420, 54.6381, 88.6157



18.0529, 18.0740, 18.6815



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.



58.8094, 52.2048, 46.5128



63.5906, 54.2229, 45.5676



65.9410, 66.4680, 48.8900



15.8107, 15.8345, 16.3728



19.7311, 10.2603, 0.9405



1.6547, 0.8801, 0.0827

Inverse Universe

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



63.5355, 76.3224, 93.8215



69.7740, 85.7852, 107.4885



54.8855, 59.0224, 90.9381



16.2045, 17.8430, 20.3116



24.5515, 35.3273, 50.6527



2.0551, 2.9642, 4.2181

Previews

White Background



This preview shows how the XYZ color 58.8080, 52.2023, 46.5117 looks on a white background.

Color Contrast Check

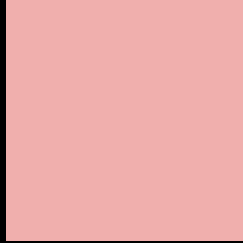
Large Text (above 18pt) WCAG AA × Fail

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 58.8080, 52.2023, 46.5117 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 58.8080, 52.2023, 46.5117

Background



This preview shows how black text looks on a background with the XYZ color 58.8080, 52.2023, 46.5117.



This preview shows how white text looks on a background with the XYZ color 58.8080, 52.2023,

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

58.8080, 52.2023, 46.5117

Protanopia

49.9972, 52.4681, 51.2083

Deuteranopia

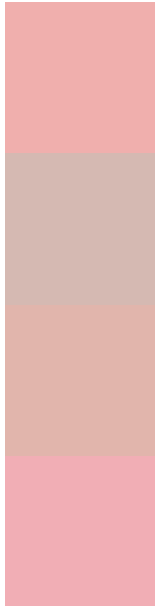
53.3149, 52.3899, 45.8303



Tritanopia

60.0821, 52.1331, 53.3504

Trichromacy



Original Color

58.8080, 52.2023, 46.5117

Protanomaly

52.8254, 52.0584, 49.3836

Deuteranomaly

55.0216, 52.0339, 46.1733

Tritanomaly

59.7522, 52.3091, 50.6634

Monochromacy



Original Color

58.8080, 52.2023, 46.5117

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4972, 52.9347, 53.8522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8080, 52.2023, 46.5117 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(240, 175, 173) looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 173)  
}
```

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(240, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.8080, 52.2023, 46.5117 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(240, 175, 173) }
```


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

```
.border{ border-color:rgb(240, 175, 173) }
```

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

Here you see how a box with a 4 pixel rgb(240, 175, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8080, 52.2023, 46.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 173) }
```

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

```
.background{ background-color: rgb(240,  
175, 173) }
```

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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