

Converting Colors

XYZ(58.5766, 51.3973, 42.4049)

Have a look what the booklet for
XYZ(58.5766, 51.3973, 42.4049)
contains.

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Color

**XYZ(58.5062, 51.2763,
42.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	F3ACA5
RGB	243, 172, 165
RGB Percent	95%, 67%, 65%
CMY	0.0471, 0.3255, 0.3529
CMYK	0.00, 0.29, 0.32, 0.05
HSL	5°, 76%, 80%
HSV	5°, 32%, 95%
XYZ	58.5062, 51.2763, 42.4110
YIQ	192.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

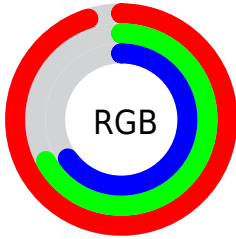
Format	Color
R _Y B	243, 173, 165
Decimal	15969445
CIE Lab	76.85, 25.13, 14.02
CIE LCh	77, 28.775, 29.153
Yxy	51.2763, 0.3844, 0.3369
Android (android.graphics.Color)	4294159525 (0xFFFF3ACA5)
YUV	192.4310, -13.5235, 44.3490
Hunter-Lab	71.6075, 20.5286, 15.0095

Details

The XYZ color **58.5062, 51.2763, 42.4110** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6892, 74.4588, 95.9148**, and the grayscale version is **50.4144, 53.0399, 57.7604**.

A 20% lighter version of the original color is **81.9017, 81.9141, 79.2045**, and **29.5850, 24.7002, 18.8311** is the 20% darker color. If you saturate the color by 10%, you get **52.6363, 42.7460, 30.5595**, and if you desaturate by 10%, it is **65.4996, 61.3807, 56.7112**.

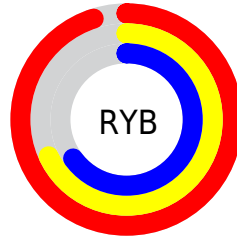
Distribution



Red (95%)

Green (67%)

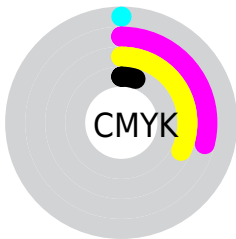
Blue (65%)



Red (95%)

Yellow (68%)

Blue (65%)

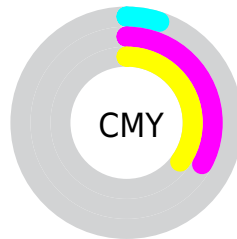


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5062, 51.2763, 42.4110 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 58.5062, 51.2763, 42.4110 by changing the saturation by 10% instead.

 58.5062, 51.2763,
42.4110


 58.5062, 51.2763,
42.4110


408.9930,
391.6363, 372.0337

 42.4606, 36.4285,
29.0953


 101.7784, 92.0631,
80.0981

 29.6548, 24.7654,
18.9067


 129.7356,
118.7709, 105.3065

 19.7235, 15.9023,
11.4268


162.3942,
150.2008, 135.3163

 12.3013, 9.4551,
6.2369

200.1193,
186.7373, 170.5459

 7.0229, 5.0392,
2.9185

243.2764,
228.7646, 211.4139

 3.5229, 2.2703,
1.0532

292.2308,

 1.4359, 0.7579,

276.6674, 258.3388

0.0000

347.3479,
330.8298, 311.7392

■ 0.2816, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5062, 51.2763,
42.4110

■ 58.5062, 51.2763,
42.4110

■ 52.6363, 42.7460,
30.5595

■ 65.4996, 61.3807,
56.7112

■ 47.8273, 35.7036,
21.0163

■ 73.6668, 73.1250,
73.5836

■ 44.0168, 30.0659,
13.6318

■ 83.0596, 86.5805,
93.1469

■ 41.1339, 25.7384,
8.2371

■ 90.7722, 97.7947,
108.6998

■ 39.0986, 22.6151,
4.6384

■ 37.8169, 20.5732,
2.6030

■ 37.2458, 19.6218,
1.8243

Harmonies

Analogous

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



60.0221, 51.2763, 56.2772



58.5062, 51.2763, 42.4110



54.3281, 51.2763, 33.7662

Triad

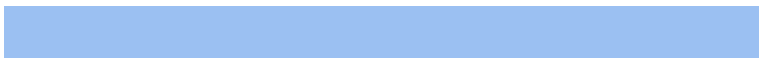
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5062, 51.2763, 42.4110



40.2566, 51.2763, 41.7727



48.5814, 51.2763, 91.6709

Complementary

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



58.5062, 51.2763, 42.4110



61.6892, 74.4588, 95.9148

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.



43.5425, 51.2763, 85.8745



58.5062, 51.2763, 42.4110



38.9625, 51.2763, 55.3875

Square

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



58.5062, 51.2763, 42.4110



43.7926, 51.2763, 33.4491



40.1200, 51.2763, 71.8201



54.0394, 51.2763, 86.4687

Rectangle

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



58.5062, 51.2763, 42.4110



50.7418, 51.2763, 31.1744



40.1200, 51.2763, 71.8201



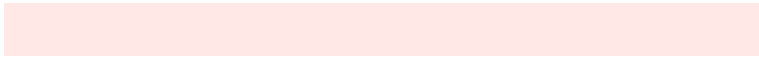
46.7849, 51.2763, 90.9288

Sweetspot

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



58.5076, 51.2787, 42.4120



84.2503, 84.5402, 86.3727



65.6307, 52.0507, 86.3262



17.7322, 17.6636, 17.8625



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.



58.5076, 51.2787, 42.4120



60.5644, 50.3686, 37.7831



66.9243, 68.1122, 45.2176



16.6188, 16.7216, 17.1493



20.4823, 10.8501, 1.0147



1.8401, 1.0335, 0.1025

Inverse Universe

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



61.6892, 74.4588, 95.9148



64.6501, 80.1965, 106.6798



51.7752, 54.6309, 92.6102



16.8620, 18.4883, 21.2224



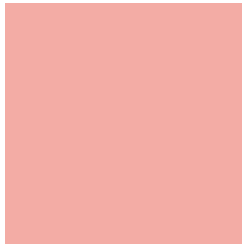
23.1475, 32.0887, 51.5118



2.0710, 2.8934, 4.5396

Previews

White Background



This preview shows how the XYZ color 58.5062, 51.2763, 42.4110 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 58.5062, 51.2763, 42.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

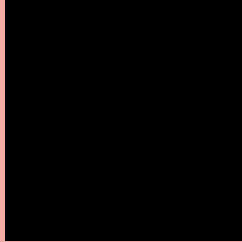
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5062, 51.2763, 42.4110

Background



This preview shows how black text looks on a background with the XYZ color 58.5062, 51.2763, 42.4110.



This preview shows how white text looks on a background with the XYZ color 58.5062, 51.2763,

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

58.5062, 51.2763, 42.4110

Protanopia

48.8635, 51.3215, 47.3751

Deuteranopia

52.4578, 51.4167, 41.8099



Tritanopia

60.2877, 51.1658, 50.9545

Trichromacy



Original Color

58.5062, 51.2763, 42.4110

Protanomaly

52.0157, 51.1034, 45.6505

Deuteranomaly

54.4995, 51.2514, 42.1420

Tritanomaly

59.5194, 51.1171, 47.8039

Monochromacy



Original Color

58.5062, 51.2763, 42.4110

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.6564, 51.9242, 51.5030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5062, 51.2763, 42.4110 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(243, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 172, 165)  
}
```

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(243, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 58.5062, 51.2763, 42.4110 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(243, 172, 165) }
```


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

```
.border{ border-color:rgb(243, 172, 165) }
```

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

Here you see how a box with a 4 pixel rgb(243, 172, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5062, 51.2763, 42.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 172, 165) }
```

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

```
.background{ background-color: rgb(243,  
172, 165) }
```

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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