

Converting Colors

XYZ(58.4419, 52.3370, 51.1549)

Have a look what the booklet for
XYZ(58.4419, 52.3370, 51.1549)
contains.

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Color

**XYZ(58.2298, 52.0902,
51.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB0B6
RGB	235, 176, 182
RGB Percent	92%, 69%, 71%
CMY	0.0784, 0.3098, 0.2863
CMYK	0.00, 0.25, 0.23, 0.08
HSL	354°, 60%, 81%
HSV	354°, 25%, 92%
XYZ	58.2298, 52.0902, 51.2413
YIQ	194.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

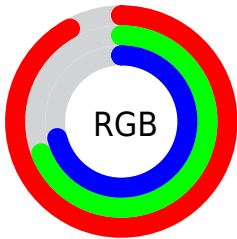
Format	Color
R _Y B	235, 176, 182
Decimal	15446198
CIE Lab	77.33, 22.35, 5.36
CIE LCh	77, 22.985, 13.473
Yxy	52.0902, 0.3604, 0.3224
Android (android.graphics.Color)	4293636278 (0xFFEBB0B6)
YUV	194.3250, -6.0762, 35.6720
Hunter-Lab	72.1735, 17.7106, 8.4272

Details

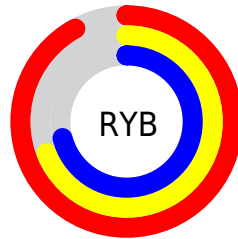
The XYZ color **58.2298, 52.0902, 51.2413** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.7579, 74.3052, 85.2199**, and the grayscale version is **51.4929, 54.1746, 58.9961**.

A 20% lighter version of the original color is **85.5292, 85.1463, 92.8159**, and **29.4055, 25.2159, 24.0862** is the 20% darker color. If you saturate the color by 10%, you get **51.9949, 42.8525, 39.1980**, and if you desaturate by 10%, it is **65.5941, 63.0594, 65.2850**.

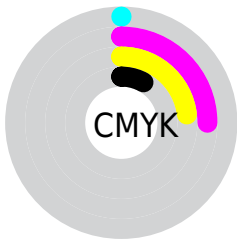
Distribution



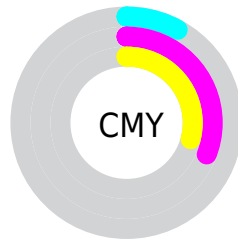
- Red (92%)
- Green (69%)
- Blue (71%)



- Red (92%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2298, 52.0902, 51.2413 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 58.2298, 52.0902, 51.2413 by changing the saturation by 10% instead.


 58.2298, 52.0902,
51.2413

 58.2298, 52.0902,
51.2413


407.9817,
394.7847, 408.3739

 42.2374, 37.0770,
36.0226

 101.3785, 93.2643,
93.4265

 29.4791, 25.2671,
24.1618


129.2654,
120.1939, 121.2301

 19.5897, 16.2762,
15.2404


161.8480,
151.8644, 154.0658

 12.2037, 9.7198,
8.8398

199.4915,
188.6603, 192.3520

 6.9557, 5.2136,
4.5414

242.5612,
230.9658, 236.5074

 3.4805, 2.3731,
1.9268

291.4226,

 1.4127, 0.8120,

279.1655, 286.9505

0.5097

346.4410,
333.6437, 344.0998

■ 0.2652, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2298, 52.0902,
51.2413

■ 58.2298, 52.0902,
51.2413

■ 51.9949, 42.8525,
39.1980

■ 65.5941, 63.0594,
65.2850

■ 46.8294, 35.2511,
29.0610

■ 74.1355, 75.8347,
81.4112

■ 42.6741, 29.1926,
20.7333

■ 83.9039, 90.4951,
99.7010

■ 39.4625, 24.5711,
14.1080

■ 88.0712, 96.4023,
108.5734

■ 37.1198, 21.2676,
9.0670

■ 35.5599, 19.1437,
5.4770

■ 34.6786, 18.0301,
3.1824

■ 34.4248, 17.7277,
2.4652

Harmonies

Analogous

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



58.0995, 52.0902, 63.9157



58.2298, 52.0902, 51.2413



55.9274, 52.0902, 41.5856

Triad

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



58.2298, 52.0902, 51.2413



43.8981, 52.0902, 40.8452



47.1352, 52.0902, 83.3531

Complementary

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



58.2298, 52.0902, 51.2413



61.7579, 74.3052, 85.2199

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.



43.6036, 52.0902, 75.1357



58.2298, 52.0902, 51.2413



41.8121, 52.0902, 50.0809

Square

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



58.2298, 52.0902, 51.2413



47.5592, 52.0902, 36.2135



41.7076, 52.0902, 62.5703



51.5138, 52.0902, 83.7872

Rectangle

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



58.2298, 52.0902, 51.2413



53.3978, 52.0902, 37.6329



41.7076, 52.0902, 62.5703



45.8160, 52.0902, 81.3598

Sweetspot

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



58.2312, 52.0926, 51.2424



86.0723, 86.5432, 92.0387



62.5543, 53.5644, 85.6398



18.0844, 18.0171, 19.0614



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.



58.2312, 52.0926, 51.2424



66.1522, 56.8570, 54.0954



62.4344, 61.4695, 49.6514



15.1277, 15.0789, 15.9576



19.1803, 9.8748, 1.4847



1.5271, 0.7838, 0.2271

Inverse Universe

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



58.2312, 52.0926, 51.2424



66.1522, 56.8570, 54.0954



56.5413, 62.5091, 87.6832



15.1277, 15.0789, 15.9576



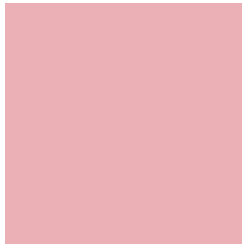
19.1803, 9.8748, 1.4847



1.5271, 0.7838, 0.2271

Previews

White Background



This preview shows how the XYZ color 58.2298, 52.0902, 51.2413 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 58.2298, 52.0902, 51.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

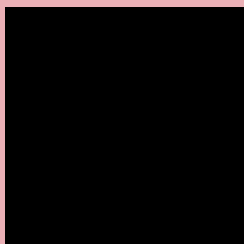
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2298, 52.0902, 51.2413

Background



This preview shows how black text looks on a background with the XYZ color 58.2298, 52.0902, 51.2413.



This preview shows how white text looks on a background with the XYZ color 58.2298, 52.0902,

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

58.2298, 52.0902, 51.2413

Protanopia

50.2134, 52.1467, 56.1340

Deuteranopia

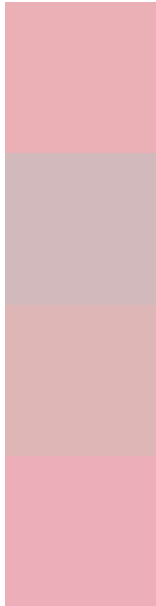
53.3187, 52.2894, 50.4627



Tritanopia

58.9991, 52.1237, 54.5282

Trichromacy



Original Color

58.2298, 52.0902, 51.2413

Protanomaly

52.8969, 51.9874, 54.2603

Deuteranomaly

55.1926, 52.3217, 50.9062

Tritanomaly

58.7850, 52.0380, 53.4004

Monochromacy



Original Color

58.2298, 52.0902, 51.2413

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.3591, 52.8137, 56.0969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2298, 52.0902, 51.2413 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(235, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 182)  
}
```

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(235, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.2298, 52.0902, 51.2413 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(235, 176, 182) }
```


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

```
.border{ border-color:rgb(235, 176, 182) }
```

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

Here you see how a box with a 4 pixel rgb(235, 176, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2298, 52.0902, 51.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 182) }
```

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

```
.background{ background-color: rgb(235,  
176, 182) }
```

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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