

Converting Colors

XYZ(57.1379, 51.6560, 50.1795)

Have a look what the booklet for
XYZ(57.1379, 51.6560, 50.1795)
contains.

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Color

**XYZ(57.0423, 51.5018,
50.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B4
RGB	232, 176, 180
RGB Percent	91%, 69%, 71%
CMY	0.0902, 0.3098, 0.2941
CMYK	0.00, 0.24, 0.22, 0.09
HSL	356°, 55%, 80%
HSV	356°, 24%, 91%
XYZ	57.0423, 51.5018, 50.1144
YIQ	193.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

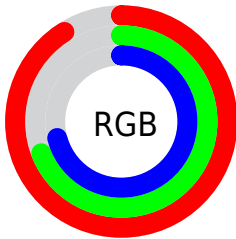
Format	Color
R_{YB}	232, 176, 180
Decimal	15249588
CIE _{Lab}	76.98, 20.97, 5.90
CIE _{LCh}	77, 21.780, 15.706
Yxy	51.5018, 0.3595, 0.3246
Android (android.graphics.Color)	4293439668 (0xFFE8B0B4)
YUV	193.2000, -6.5076, 34.0276
Hunter-Lab	71.7648, 16.2926, 8.8322

Details

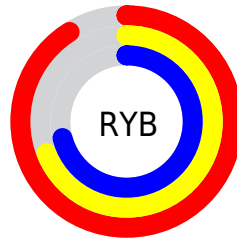
The XYZ color **57.0423, 51.5018, 50.1144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7669, 72.5460, 84.2025**, and the grayscale version is **50.8313, 53.4784, 58.2380**.

A 20% lighter version of the original color is **85.2369, 85.0294, 91.2767**, and **28.5929, 24.8122, 23.3609** is the 20% darker color. If you saturate the color by 10%, you get **50.8493, 42.3592, 38.0503**, and if you desaturate by 10%, it is **64.3567, 62.3403, 64.2365**.

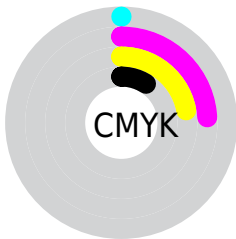
Distribution



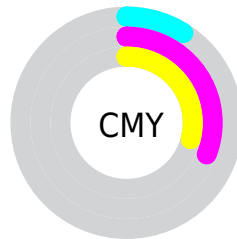
- Red (91%)
- Green (69%)
- Blue (71%)



- Red (91%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0423, 51.5018, 50.1144 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 57.0423, 51.5018, 50.1144 by changing the saturation by 10% instead.


 57.0423, 51.5018,
50.1144

 57.0423, 51.5018,
50.1144


403.6194,
392.5103, 403.8610

 41.2795, 36.6081,
35.1325

 99.6579, 92.3961,
91.7424

 28.7262, 24.9042,
23.4806


127.2414,
119.1655, 119.2256

 19.0170, 16.0057,
14.7401


159.4958,
150.6622, 151.7129

 11.7866, 9.5282,
8.4926

196.7865,
187.2708, 189.6230

 6.6697, 5.0873,
4.3195

239.4789,
229.3754, 233.3743

 3.3009, 2.2986,
1.8022

287.9383,

 1.3148, 0.7729,

277.3606, 283.3853

0.4294

342.5300,
331.6108, 340.0747

■ 0.1943, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0423, 51.5018,
50.1144

■ 57.0423, 51.5018,
50.1144

■ 50.8493, 42.3592,
38.0503

■ 64.3567, 62.3403,
64.2365

■ 45.7182, 34.8201,
27.9452

■ 72.8396, 74.9469,
80.5032

■ 41.5905, 28.7941,
19.6965

■ 82.5407, 89.3983,
98.9997

■ 38.4003, 24.1789,
13.1911

■ 87.0889, 95.8959,
108.5274

■ 36.0738, 20.8597,
8.3036

■ 34.5261, 18.7036,
4.8917

■ 33.6548, 17.5491,
2.7882

■ 33.3766, 17.1950,
2.0720

Harmonies

Analogous

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



57.0987, 51.5018, 61.9110



57.0423, 51.5018, 50.1144



54.7381, 51.5018, 41.2568

Triad

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



57.0423, 51.5018, 50.1144



43.4581, 51.5018, 41.5823



47.0069, 51.5018, 81.2683

Complementary

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



57.0423, 51.5018, 50.1144



60.7669, 72.5460, 84.2025

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.



43.5867, 51.5018, 74.0782



57.0423, 51.5018, 50.1144



41.6176, 51.5018, 50.6210

Square

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



57.0423, 51.5018, 50.1144



46.8222, 51.5018, 36.8268



41.6633, 51.5018, 62.4941



51.1432, 51.5018, 81.0817

Rectangle

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



57.0423, 51.5018, 50.1144



52.3082, 51.5018, 37.7182



41.6633, 51.5018, 62.4941



45.7405, 51.5018, 79.5942

Sweetspot

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



57.0437, 51.5042, 50.1155



87.0626, 88.1133, 93.6345



61.8762, 53.2645, 83.3642



18.4950, 18.6518, 19.7736



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.



57.0437, 51.5042, 50.1155



66.6717, 57.8872, 54.2960



61.6170, 61.2928, 49.6604



14.4185, 14.3846, 15.1383



18.5460, 9.5526, 1.2383



1.3852, 0.7118, 0.1689

Inverse Universe

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



57.0437, 51.5042, 50.1155



66.6717, 57.8872, 54.2960



55.1908, 60.4959, 85.1124



14.4185, 14.3846, 15.1383



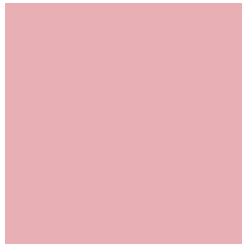
18.5460, 9.5526, 1.2383



1.3852, 0.7118, 0.1689

Previews

White Background



This preview shows how the XYZ color 57.0423, 51.5018, 50.1144 looks on a white background.

Color Contrast Check

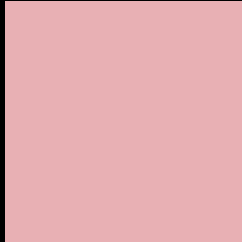
Large Text (above 18pt) WCAG AA × Fail

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 57.0423, 51.5018, 50.1144 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 57.0423, 51.5018, 50.1144

Background



This preview shows how black text looks on a background with the XYZ color 57.0423, 51.5018, 50.1144.



This preview shows how white text looks on a background with the XYZ color 57.0423, 51.5018,

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

57.0423, 51.5018, 50.1144

Protanopia

49.4154, 51.4524, 54.3405

Deuteranopia

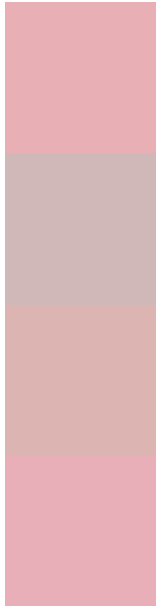
52.7177, 51.6818, 49.8449



Tritanopia

58.0113, 51.6144, 54.4820

Trichromacy



Original Color

57.0423, 51.5018, 50.1144

Protanomaly

51.8046, 51.1516, 52.4902

Deuteranomaly

54.1758, 51.5181, 49.7364

Tritanomaly

57.6912, 51.4864, 52.7961

Monochromacy



Original Color

57.0423, 51.5018, 50.1144

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5796, 52.4369, 54.9270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0423, 51.5018, 50.1144 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(232, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 180)  
}
```

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(232, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.0423, 51.5018, 50.1144 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(232, 176, 180) }
```


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

```
.border{ border-color:rgb(232, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0423, 51.5018, 50.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 180) }
```

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

```
.background{ background-color: rgb(232,  
176, 180) }
```

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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