

Converting Colors

XYZ(57.5745, 51.2915, 58.9131)

Have a look what the booklet for
XYZ(57.5745, 51.2915, 58.9131)
contains.

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Color

**XYZ(57.6069, 51.3035,
59.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AFC4
RGB	229, 175, 196
RGB Percent	90%, 69%, 77%
CMY	0.1020, 0.3137, 0.2314
CMYK	0.00, 0.24, 0.14, 0.10
HSL	337°, 51%, 79%
HSV	337°, 24%, 90%
XYZ	57.6069, 51.3035, 59.0909
YIQ	193.5400, 25.4430, 17.9790

Conversions

Conversions Part 2

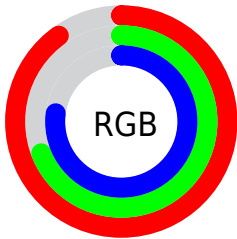
Format	Color
R _Y B	229, 175, 196
Decimal	15052740
CIE Lab	76.86, 22.87, -3.03
CIE LCh	77, 23.068, 352.456
Yxy	51.3035, 0.3429, 0.3054
Android (android.graphics.Color)	4293242820 (0xFFE5AFC4)
YUV	193.5400, 1.2128, 31.0984
Hunter-Lab	71.6265, 18.2156, 1.2250

Details

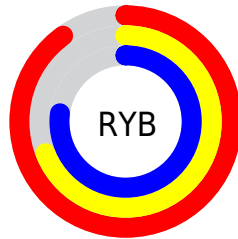
The XYZ color **57.6069, 51.3035, 59.0909** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0858, 69.7080, 70.1241**, and the grayscale version is **50.9903, 53.6457, 58.4202**.

A 20% lighter version of the original color is **87.5455, 85.5037, 104.8182**, and **29.0756, 24.7563, 28.8372** is the 20% darker color. If you saturate the color by 10%, you get **52.0028, 42.5265, 49.7266**, and if you desaturate by 10%, it is **64.1183, 61.6562, 69.4921**.

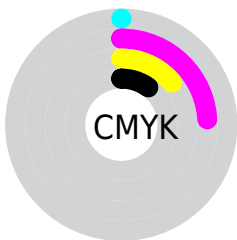
Distribution



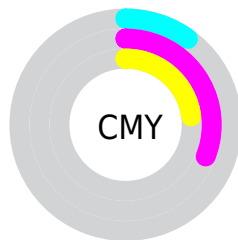
- Red (90%)
- Green (69%)
- Blue (77%)



- Red (90%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6069, 51.3035, 59.0909 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 57.6069, 51.3035, 59.0909 by changing the saturation by 10% instead.

57.6069, 51.3035,
59.0909

57.6069, 51.3035,
59.0909

405.6971,
391.7418, 438.9499

41.7347, 36.4502,
42.2658

100.4765, 92.1032,
105.0402

29.0838, 24.7821,
28.9824

128.2046,
118.8185, 135.0015

19.2889, 15.9148,
18.8220

160.6153,
150.2565, 170.1785

11.9844, 9.4639,
11.3662

198.0742,
186.8016, 210.9900

6.8052, 5.0450,
6.1965

240.9464,
228.8384, 257.8543

3.3858, 2.2737,
2.8942

289.5974,

1.3609, 0.7597,

276.7510, 311.1900

1.0409

344.3925,
330.9240, 371.4157

■ 0.2281, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6069, 51.3035,
59.0909

■ 57.6069, 51.3035,
59.0909

■ 52.0028, 42.5265,
49.7266

■ 64.1183, 61.6562,
69.4921

■ 47.2595, 35.2404,
41.3619

■ 71.5721, 73.6499,
80.9592

■ 43.3329, 29.3628,
33.9618

■ 80.0064, 87.3549,
93.5240

■ 40.1727, 24.8009,
27.4879

■ 85.6414, 95.2054,
105.9444

■ 37.7232, 21.4500,
21.8986

■ 86.1234, 95.3982,
108.4822

■ 35.9201, 19.1897,
17.1481

■ 34.6862, 17.8740,
13.1851

■ 34.1184, 17.3802,
11.0176

Harmonies

Analogous

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



55.7573, 51.3035, 71.9036



57.6069, 51.3035, 59.0909



56.9763, 51.3035, 47.1360

Triad

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



57.6069, 51.3035, 59.0909



45.6124, 51.3035, 36.3858



43.8033, 51.3035, 77.2757

Complementary

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



57.6069, 51.3035, 59.0909



57.0858, 69.7080, 70.1241

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.



41.3785, 51.3035, 65.6007



57.6069, 51.3035, 59.0909



42.3785, 51.3035, 42.4015

Square

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



57.6069, 51.3035, 59.0909



49.8776, 51.3035, 35.1806



40.8730, 51.3035, 52.7506



47.6640, 51.3035, 83.3787

Rectangle

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



57.6069, 51.3035, 59.0909



55.2509, 51.3035, 41.0958



40.8730, 51.3035, 52.7506



42.8030, 51.3035, 73.7961

Sweetspot

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



57.6084, 51.3058, 59.0920



87.9106, 88.4524, 98.0999



55.3188, 49.6428, 80.7958



18.6909, 18.7301, 20.8050



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.



57.6084, 51.3058, 59.0920



70.1010, 60.0964, 69.7721



56.4549, 52.5598, 47.7298



14.6078, 14.4603, 16.1353



19.5619, 9.9590, 6.5881



1.4900, 0.7537, 0.7209

Inverse Universe

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



57.6084, 51.3058, 59.0920



70.1010, 60.0964, 69.7721



58.3720, 67.8691, 84.1529



14.6078, 14.4603, 16.1353



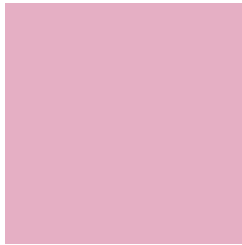
19.5619, 9.9590, 6.5881



1.4900, 0.7537, 0.7209

Previews

White Background



This preview shows how the XYZ color 57.6069, 51.3035, 59.0909 looks on a white background.

Color Contrast Check

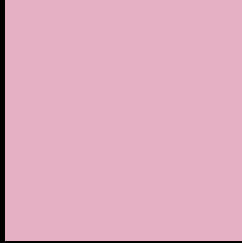
Large Text (above 18pt) WCAG AA × Fail

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 57.6069, 51.3035, 59.0909 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 57.6069, 51.3035, 59.0909

Background



This preview shows how black text looks on a background with the XYZ color 57.6069, 51.3035, 59.0909.



This preview shows how white text looks on a background with the XYZ color 57.6069, 51.3035,

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

57.6069, 51.3035, 59.0909

Protanopia

50.0829, 51.5736, 64.4418

Deuteranopia

52.3317, 51.2978, 58.1822



Tritanopia

56.8145, 51.2624, 55.6154

Trichromacy



Original Color

57.6069, 51.3035, 59.0909

Protanomaly

52.5849, 51.3354, 62.3955

Deuteranomaly

54.1058, 51.2840, 58.6769

Tritanomaly

57.0347, 51.3504, 56.7747

Monochromacy



Original Color

57.6069, 51.3035, 59.0909

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.3528, 52.7462, 58.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6069, 51.3035, 59.0909 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(229, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 196)  
}
```

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(229, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.6069, 51.3035, 59.0909 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(229, 175, 196) }
```


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

```
.border{ border-color:rgb(229, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 175, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 175, 196); box-shadow:4px 4px 4px 4px rgb(229, 175, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6069, 51.3035, 59.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 196) }
```

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

```
.background{ background-color: rgb(229,  
175, 196) }
```

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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