

Converting Colors

XYZ(56.7203, 51.5950, 57.0436)

Have a look what the booklet for
XYZ(56.7203, 51.5950, 57.0436)
contains.

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Color

**XYZ(56.6006, 51.4188,
56.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B1C0
RGB	226, 177, 192
RGB Percent	89%, 69%, 75%
CMY	0.1137, 0.3059, 0.2471
CMYK	0.00, 0.22, 0.15, 0.11
HSL	342°, 46%, 79%
HSV	342°, 22%, 89%
XYZ	56.6006, 51.4188, 56.8108
YIQ	193.3610, 24.3890, 15.0530

Conversions

Conversions Part 2

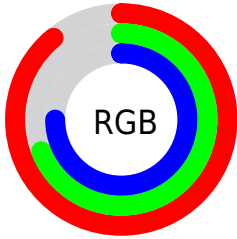
Format	Color
R _Y B	226, 177, 192
Decimal	14856640
CIE Lab	76.93, 20.09, -0.78
CIE LCh	77, 20.106, 357.769
Yxy	51.4188, 0.3434, 0.3120
Android (android.graphics.Color)	4293046720 (0xFFE2B1C0)
YUV	193.3610, -0.6710, 28.6244
Hunter-Lab	71.7069, 15.4088, 3.2215

Details

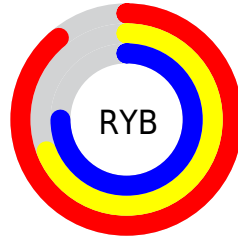
The XYZ color **56.6006, 51.4188, 56.8108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0878, 68.4443, 71.8336**, and the grayscale version is **50.8959, 53.5465, 58.3121**.

A 20% lighter version of the original color is **87.3222, 86.3151, 100.8650**, and **28.4454, 24.8254, 27.7186** is the 20% darker color. If you saturate the color by 10%, you get **50.8549, 42.5613, 46.7744**, and if you desaturate by 10%, it is **63.2736, 61.8335, 68.0712**.

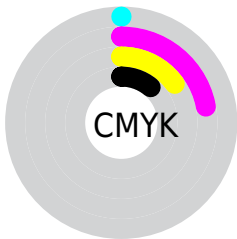
Distribution



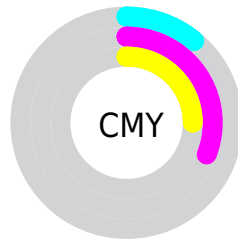
- Red (89%)
- Green (69%)
- Blue (75%)



- Red (89%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6006, 51.4188, 56.8108 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 56.6006, 51.4188, 56.8108 by changing the saturation by 10% instead.


 56.6006, 51.4188,
56.8108

 56.6006, 51.4188,
56.8108


401.9894,
392.1887, 430.2138

 40.9235, 36.5420,
40.4450

 99.0169, 92.2735,
101.6867

 28.4468, 24.8531,
27.5693


126.4869,
119.0203, 131.0338

 18.8049, 15.9676,
17.7650


158.6185,
150.4924, 165.5452

 11.6325, 9.5013,
10.6137

195.7772,
187.0745, 205.6393

 6.5644, 5.0696,
5.6968

238.3283,
229.1507, 251.7346

 3.2351, 2.2881,
2.5958

286.6371,

 1.2793, 0.7674,

277.1056, 304.2498

0.8903

341.0690,
331.3234, 363.6034

■ 0.1676, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6006, 51.4188,
56.8108

■ 56.6006, 51.4188,
56.8108

■ 50.8549, 42.5613,
46.7744

■ 63.2736, 61.8335,
68.0712

■ 45.9900, 35.1790,
37.9161

■ 70.9091, 73.8683,
80.5926

■ 41.9620, 29.1928,
30.1919

■ 79.5453, 87.5911,
94.4145

■ 38.7210, 24.5136,
23.5536

■ 85.1313, 94.8917,
108.2117

■ 36.2117, 21.0417,
17.9493

■ 85.1743, 94.9089,
108.4378

■ 34.3713, 18.6629,
13.3221

■ 33.1253, 17.2406,
9.6085

■ 32.4438, 16.6007,
7.1523

Harmonies

Analogous

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



55.3652, 51.4188, 67.9960



56.6006, 51.4188, 56.8108



55.6771, 51.4188, 46.7297

Triad

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



56.6006, 51.4188, 56.8108



45.5229, 51.4188, 39.3315



45.0513, 51.4188, 75.7741

Complementary

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



56.6006, 51.4188, 56.8108



57.0878, 68.4443, 71.8336

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.



42.6453, 51.4188, 66.3911



56.6006, 51.4188, 56.8108



42.9074, 51.4188, 45.4812

Square

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



56.6006, 51.4188, 56.8108



49.1591, 51.4188, 37.4565



41.8811, 51.4188, 55.1699



48.5861, 51.4188, 79.7975

Rectangle

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



56.6006, 51.4188, 56.8108



53.9870, 51.4188, 41.7858



41.8811, 51.4188, 55.1699



44.0908, 51.4188, 73.0868

Sweetspot

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



56.6021, 51.4211, 56.8119



87.6869, 88.3630, 96.9223



56.1676, 50.7105, 78.7798



18.6392, 18.7095, 20.5327



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.



56.6021, 51.4211, 56.8119



70.8808, 62.1293, 68.5728



56.8570, 54.4561, 49.1122



13.8791, 13.7693, 15.1335



18.5556, 9.4892, 4.3255



1.3253, 0.6734, 0.5057

Inverse Universe

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



56.6021, 51.4211, 56.8119



70.8808, 62.1293, 68.5728



56.6778, 64.4739, 81.4096



13.8791, 13.7693, 15.1335



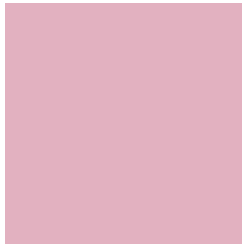
18.5556, 9.4892, 4.3255



1.3253, 0.6734, 0.5057

Previews

White Background



This preview shows how the XYZ color 56.6006, 51.4188, 56.8108 looks on a white background.

Color Contrast Check

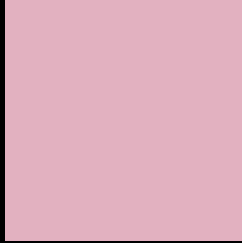
Large Text (above 18pt) WCAG AA × Fail

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 56.6006, 51.4188, 56.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

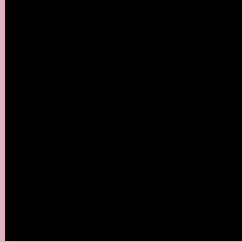
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6006, 51.4188, 56.8108

Background



This preview shows how black text looks on a background with the XYZ color 56.6006, 51.4188, 56.8108.



This preview shows how white text looks on a background with the XYZ color 56.6006, 51.4188,

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

56.6006, 51.4188, 56.8108

Protanopia

49.9923, 51.5951, 61.3568

Deuteranopia

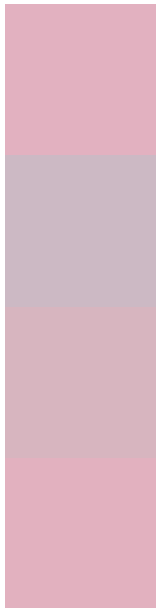
52.5569, 51.4525, 56.4515



Tritanopia

56.4901, 51.3746, 56.2292

Trichromacy



Original Color

56.6006, 51.4188, 56.8108

Protanomaly

52.2146, 51.5208, 59.4171

Deuteranomaly

53.9522, 51.2564, 56.3401

Tritanomaly

56.4901, 51.3746, 56.2292

Monochromacy



Original Color

56.6006, 51.4188, 56.8108

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5728, 52.3700, 57.7896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6006, 51.4188, 56.8108 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(226, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 192)  
}
```

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(226, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 192) }
```

Border

The CSS property to change the border of an element to XYZ 56.6006, 51.4188, 56.8108 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(226, 177, 192) }
```


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

```
.border{ border-color:rgb(226, 177, 192) }
```

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

Here you see how a box with a 4 pixel rgb(226, 177, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6006, 51.4188, 56.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 192) }
```

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

```
.background{ background-color: rgb(226,  
177, 192) }
```

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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