

Converting Colors

XYZ(56.7274, 51.4261, 48.5884)

Have a look what the booklet for
XYZ(56.7274, 51.4261, 48.5884)
contains.

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Color

**XYZ(56.7399, 51.3808,
48.5219)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B1
RGB	232, 176, 177
RGB Percent	91%, 69%, 69%
CMY	0.0902, 0.3098, 0.3059
CMYK	0.00, 0.24, 0.24, 0.09
HSL	359°, 55%, 80%
HSV	359°, 24%, 91%
XYZ	56.7399, 51.3808, 48.5219
YIQ	192.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

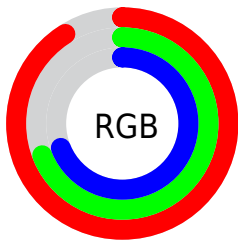
Format	Color
R _Y B	232, 176, 177
Decimal	15249585
CIE Lab	76.91, 20.53, 7.42
CIE LCh	77, 21.835, 19.876
Yxy	51.3808, 0.3622, 0.3280
Android (android.graphics.Color)	4293439665 (0xFFE8B0B1)
YUV	192.8580, -7.8180, 34.3275
Hunter-Lab	71.6804, 15.8542, 10.0417

Details

The XYZ color **56.7399, 51.3808, 48.5219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1871, 72.7142, 86.4154**, and the grayscale version is **50.6372, 53.2743, 58.0157**.

A 20% lighter version of the original color is **84.8046, 84.8564, 89.0000**, and **28.4002, 24.7351, 22.3463** is the 20% darker color. If you saturate the color by 10%, you get **50.4889, 42.2150, 36.1525**, and if you desaturate by 10%, it is **64.1504, 62.2578, 63.1501**.

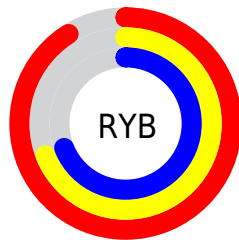
Distribution



Red (91%)

Green (69%)

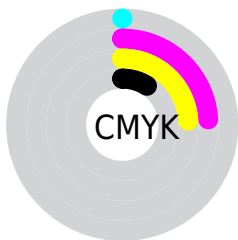
Blue (69%)



Red (91%)

Yellow (69%)

Blue (69%)

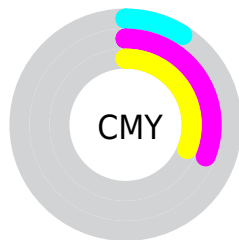


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7399, 51.3808, 48.5219 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 56.7399, 51.3808, 48.5219 by changing the saturation by 10% instead.


 56.7399, 51.3808,
48.5219

 56.7399, 51.3808,
48.5219

402.5039,
392.0415, 397.4253

 41.0358, 36.5118,
33.8774


 99.2191, 92.2174,
89.3546

 28.5348, 24.8297,
22.5229


126.7249,
118.9538, 116.3799

 18.8717, 15.9502,
14.0396


158.8953,
150.4147, 148.3692

 11.6811, 9.4889,
8.0092

196.0957,
186.9846, 185.7411

 6.5976, 5.0614,
4.0130

238.6914,
229.0478, 228.9142

 3.2558, 2.2834,
1.6325

287.0478,

 1.2904, 0.7649,

276.9887, 278.3068

0.3138

341.5301,
331.1918, 334.3377

■ 0.1760, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7399, 51.3808,
48.5219

■ 56.7399, 51.3808,
48.5219

■ 50.4889, 42.2150,
36.1525

■ 64.1504, 62.2578,
63.1501

■ 45.3349, 34.6667,
25.9264

■ 72.7703, 74.9192,
80.1384

■ 41.2157, 28.6441,
17.7227

■ 82.6520, 89.4428,
99.5858

■ 38.0616, 24.0434,
11.4074

■ 87.0889, 95.8959,
108.5274

■ 35.7940, 20.7478,
6.8301

■ 34.3222, 18.6220,
3.8176

■ 33.5357, 17.5015,
2.1611

■ 33.3015, 17.1650,
1.6764

Harmonies

Analogous

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



57.1292, 51.3808, 60.0634



56.7399, 51.3808, 48.5219



54.1668, 51.3808, 40.2118

Triad

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



56.7399, 51.3808, 48.5219



42.9789, 51.3808, 42.4590



47.4452, 51.3808, 81.6231

Complementary

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



56.7399, 51.3808, 48.5219



61.1871, 72.7142, 86.4154

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.



43.8668, 51.3808, 75.3247



56.7399, 51.3808, 48.5219



41.3867, 51.3808, 52.0192

Square

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



56.7399, 51.3808, 48.5219



46.1701, 51.3808, 37.0706



41.7023, 51.3808, 64.0889



51.6024, 51.3808, 80.3351

Rectangle

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



56.7399, 51.3808, 48.5219



51.6361, 51.3808, 37.0963



41.7023, 51.3808, 64.0889



46.1388, 51.3808, 80.2920

Sweetspot

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



56.7413, 51.3832, 48.5230



86.9221, 88.0571, 92.8947



62.7682, 53.7243, 83.4060



18.4626, 18.6388, 19.6030



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.



56.7413, 51.3832, 48.5230



66.2553, 57.7206, 52.1030



62.2686, 62.5959, 49.8776



14.3873, 14.3721, 14.9742



18.4924, 9.5312, 0.9562



1.3702, 0.7058, 0.0901

Inverse Universe

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



56.7413, 51.3832, 48.5230



66.2553, 57.7206, 52.1030



54.5113, 59.1369, 84.8859



14.3873, 14.3721, 14.9742



18.4924, 9.5312, 0.9562



1.3702, 0.7058, 0.0901

Previews

White Background



This preview shows how the XYZ color 56.7399, 51.3808, 48.5219 looks on a white background.

Color Contrast Check

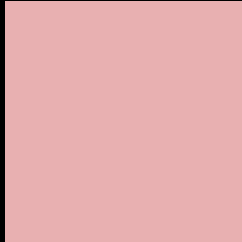
Large Text (above 18pt) WCAG AA × Fail

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 56.7399, 51.3808, 48.5219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

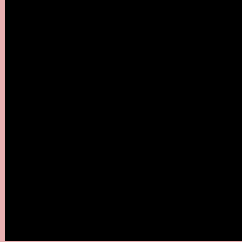
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7399, 51.3808, 48.5219

Background



This preview shows how black text looks on a background with the XYZ color 56.7399, 51.3808, 48.5219.



This preview shows how white text looks on a background with the XYZ color 56.7399, 51.3808,

48.5219.

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

56.7399, 51.3808, 48.5219

Protanopia

49.3550, 51.4580, 52.6785

Deuteranopia

52.7085, 51.7117, 48.2776



Tritanopia

57.8174, 51.2266, 54.4174

Trichromacy



Original Color

56.7399, 51.3808, 48.5219

Protanomaly

51.4934, 51.0271, 50.8513

Deuteranomaly

54.1791, 51.5545, 48.1698

Tritanomaly

57.5860, 51.4443, 52.2420

Monochromacy



Original Color

56.7399, 51.3808, 48.5219

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4721, 52.3939, 54.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7399, 51.3808, 48.5219 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.7399, 51.3808, 48.5219 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, 177) }
```


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

```
.border{ border-color:rgb(232, 176, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 176, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 176, 177); box-shadow:4px 4px 4px 4px rgb(232, 176, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7399, 51.3808, 48.5219 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, 177) }
```

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

```
.background{ background-color: rgb(232,  
176, 177) }
```

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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