

Converting Colors

XYZ(56.8089, 51.5191, 49.1749)

Have a look what the booklet for
XYZ(56.8089, 51.5191, 49.1749)
contains.

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Color

**XYZ(56.8399, 51.4208,
49.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B2
RGB	232, 176, 178
RGB Percent	91%, 69%, 70%
CMY	0.0902, 0.3098, 0.3020
CMYK	0.00, 0.24, 0.23, 0.09
HSL	358°, 55%, 80%
HSV	358°, 24%, 91%
XYZ	56.8399, 51.4208, 49.0489
YIQ	192.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

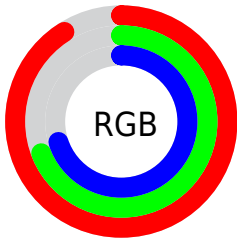
Format	Color
RYB	232, 176, 178
Decimal	15249586
CIELab	76.93, 20.68, 6.91
CIELCh	77, 21.803, 18.489
Yxy	51.4208, 0.3613, 0.3269
Android (android.graphics.Color)	4293439666 (0xFFE8B0B2)
YUV	192.9720, -7.3812, 34.2276
Hunter-Lab	71.7083, 15.9993, 9.6411

Details

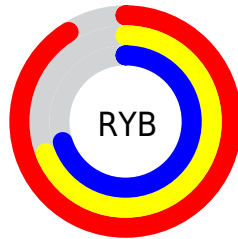
The XYZ color **56.8399, 51.4208, 49.0489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0461, 72.6577, 85.6733**, and the grayscale version is **50.7018, 53.3422, 58.0897**.

A 20% lighter version of the original color is **84.9479, 84.9137, 89.7547**, and **28.4638, 24.7605, 22.6811** is the 20% darker color. If you saturate the color by 10%, you get **50.6076, 42.2625, 36.7778**, and if you desaturate by 10%, it is **64.2188, 62.2851, 63.5109**.

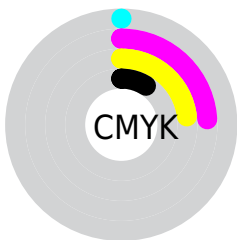
Distribution



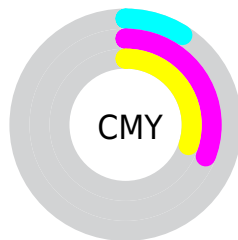
- Red (91%)
- Green (69%)
- Blue (70%)



- Red (91%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8399, 51.4208, 49.0489 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 56.8399, 51.4208, 49.0489 by changing the saturation by 10% instead.


 56.8399, 51.4208,
49.0489

 56.8399, 51.4208,
49.0489


402.8730,
392.1965, 399.5628

 41.1164, 36.5436,
34.2924


 99.3643, 92.2765,
90.1458

 28.5981, 24.8543,
22.8391


126.8958,
119.0238, 117.3233

 18.9197, 15.9686,
14.2706


159.0940,
150.4965, 149.4782

 11.7160, 9.5019,
8.1682

196.3243,
187.0792, 187.0291

 6.6214, 5.0700,
4.1135

238.9519,
229.1561, 230.3944

 3.2707, 2.2884,
1.6878

287.3424,

 1.2985, 0.7675,

277.1117, 279.9928

0.3523

341.8610,
331.3304, 336.2427

■ 0.1821, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8399, 51.4208,
49.0489

■ 56.8399, 51.4208,
49.0489

■ 50.6076, 42.2625,
36.7778

■ 64.2188, 62.2851,
63.5109

■ 45.4604, 34.7169,
26.5877

■ 72.7933, 74.9284,
80.2598

■ 41.3375, 28.6928,
18.3643

■ 82.6147, 89.4278,
99.3901

■ 38.1704, 24.0869,
11.9808

■ 87.0888, 95.8959,
108.5274

■ 35.8823, 20.7831,
7.2955

■ 34.3845, 18.6470,
4.1464

■ 33.5696, 17.5150,
2.3399

■ 33.3241, 17.1740,
1.7960

Harmonies

Analogous

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



57.1184, 51.4208, 60.6746



56.8399, 51.4208, 49.0489



54.3562, 51.4208, 40.5584

Triad

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



56.8399, 51.4208, 49.0489



43.1382, 51.4208, 42.1657



47.2986, 51.4208, 81.5031

Complementary

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



56.8399, 51.4208, 49.0489



61.0461, 72.6577, 85.6733

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.



43.7732, 51.4208, 74.9064



56.8399, 51.4208, 49.0489



41.4636, 51.4208, 51.5502

Square

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



56.8399, 51.4208, 49.0489



46.3866, 51.4208, 36.9896



41.6893, 51.4208, 63.5536



51.4486, 51.4208, 80.5819

Rectangle

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



56.8399, 51.4208, 49.0489



51.8590, 51.4208, 37.3033



41.6893, 51.4208, 63.5536



46.0056, 51.4208, 80.0574

Sweetspot

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



56.8413, 51.4232, 49.0500



86.9688, 88.0758, 93.1409



62.4692, 53.5702, 83.3918



18.4734, 18.6431, 19.6597



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.



56.8413, 51.4232, 49.0500



66.3928, 57.7756, 52.8273



62.0500, 62.1588, 49.8047



14.3977, 14.3763, 15.0287



18.5099, 9.5382, 1.0481



1.3752, 0.7078, 0.1163

Inverse Universe

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



56.8413, 51.4232, 49.0500



66.3928, 57.7756, 52.8273



54.7364, 59.5871, 84.9608



14.3977, 14.3763, 15.0287



18.5099, 9.5382, 1.0481



1.3752, 0.7078, 0.1163

Previews

White Background



This preview shows how the XYZ color 56.8399, 51.4208, 49.0489 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 56.8399, 51.4208, 49.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

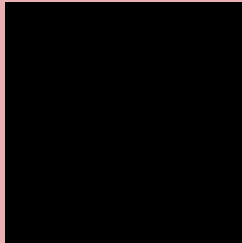
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8399, 51.4208, 49.0489

Background



This preview shows how black text looks on a background with the XYZ color 56.8399, 51.4208, 49.0489.



This preview shows how white text looks on a background with the XYZ color 56.8399, 51.4208,

49.0489.

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

56.8399, 51.4208, 49.0489

Protanopia

49.4602, 51.5001, 53.2326

Deuteranopia

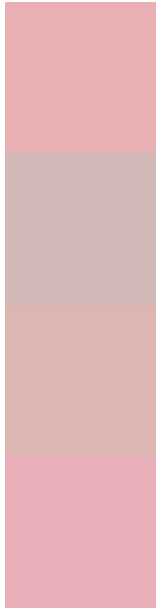
52.8079, 51.7514, 48.8007



Tritanopia

57.8174, 51.2266, 54.4174

Trichromacy



Original Color

56.8399, 51.4208, 49.0489

Protanomaly

51.5964, 51.0683, 51.3937

Deuteranomaly

54.2785, 51.5942, 48.6929

Tritanomaly

57.5860, 51.4443, 52.2420

Monochromacy



Original Color

56.8399, 51.4208, 49.0489

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 56.8399, 51.4208, 49.0489 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 178) }
```

Border

The CSS property to change the border of an element to XYZ 56.8399, 51.4208, 49.0489 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, 178) }
```


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

```
.border{ border-color:rgb(232, 176, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8399, 51.4208, 49.0489 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, 178) }
```

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

```
.background{ background-color: rgb(232,  
176, 178) }
```

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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