

Converting Colors

XYZ(56.3500, 51.1395, 55.9003)

Have a look what the booklet for
XYZ(56.3500, 51.1395, 55.9003)
contains.

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Color

**XYZ(56.1836, 50.9371,
55.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0BE
RGB	226, 176, 190
RGB Percent	89%, 69%, 75%
CMY	0.1137, 0.3098, 0.2549
CMYK	0.00, 0.22, 0.16, 0.11
HSL	343°, 46%, 79%
HSV	343°, 22%, 89%
XYZ	56.1836, 50.9371, 55.5858
YIQ	192.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

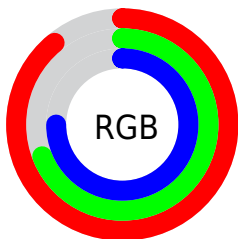
Format	Color
R _Y B	226, 176, 190
Decimal	14856382
CIE Lab	76.64, 20.31, -0.12
CIE LCh	77, 20.310, 359.665
Yxy	50.9371, 0.3453, 0.3131
Android (android.graphics.Color)	4293046462 (0xFFE2B0BE)
YUV	192.5460, -1.2552, 29.3392
Hunter-Lab	71.3702, 15.6197, 3.7819

Details

The XYZ color **56.1836, 50.9371, 55.5858** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9866, 68.3775, 72.4853**, and the grayscale version is **50.4201, 53.0459, 57.7670**.

A 20% lighter version of the original color is **86.7312, 85.6270, 99.1452**, and **28.1759, 24.5181, 26.9143** is the 20% darker color. If you saturate the color by 10%, you get **50.4354, 42.1296, 45.3790**, and if you desaturate by 10%, it is **62.8710, 61.3040, 67.0867**.

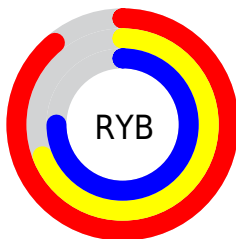
Distribution



Red (89%)

Green (69%)

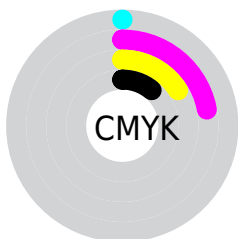
Blue (75%)



Red (89%)

Yellow (69%)

Blue (75%)

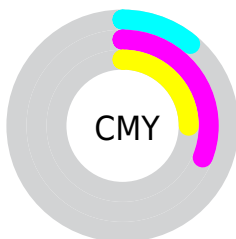


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1836, 50.9371, 55.5858 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 56.1836, 50.9371, 55.5858 by changing the saturation by 10% instead.

■ 56.1836, 50.9371,
55.5858

■ 56.1836, 50.9371,
55.5858

400.4469,
390.3194, 425.4730

■ 40.5877, 36.1586,
39.4692

■ 98.4112, 91.5618,
99.8785

■ 28.1833, 24.5567,
26.8143

125.7737,
118.1767, 128.8916

■ 18.6051, 15.7471,
17.2026

157.7890,
149.5059, 163.0406

■ 11.4876, 9.3454,
10.2155

194.8227,
185.9337, 202.7440

■ 6.4655, 4.9671,
5.4346

237.2399,
227.8446, 248.4204

■ 3.1735, 2.2280,
2.4413

285.4061,

■ 1.2461, 0.7352,

275.6229, 300.4884

0.8088

339.6866,
329.6530, 359.3664

■ 0.1423, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1836, 50.9371,
55.5858

■ 56.1836, 50.9371,
55.5858

■ 50.4354, 42.1296,
45.3790

■ 62.8710, 61.3040,
67.0867

■ 45.5791, 34.7991,
36.4167

■ 70.5334, 73.2937,
79.9225

■ 41.5697, 28.8658,
28.6506

■ 79.2101, 86.9748,
94.1360

■ 38.3564, 24.2399,
22.0282

■ 85.1743, 94.9089,
108.4378

■ 35.8827, 20.8207,
16.4925

■ 34.0843, 18.4929,
11.9811

■ 32.8850, 17.1182,
8.4243

■ 32.2689, 16.5307,
6.2318

Harmonies

Analogous

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



55.0742, 50.9371, 66.8484



56.1836, 50.9371, 55.5858



55.1213, 50.9371, 45.6359

Triad

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



56.1836, 50.9371, 55.5858



44.8493, 50.9371, 39.0341



44.7781, 50.9371, 75.7995

Complementary

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



56.1836, 50.9371, 55.5858



56.9866, 68.3775, 72.4853

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.



42.2745, 50.9371, 66.6057



56.1836, 50.9371, 55.5858



42.3140, 50.9371, 45.4478

Square

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



56.1836, 50.9371, 55.5858



48.4574, 50.9371, 36.8813



41.3962, 50.9371, 55.3381



48.3709, 50.9371, 79.4227

Rectangle

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



56.1836, 50.9371, 55.5858



53.3549, 50.9371, 40.8472



41.3962, 50.9371, 55.3381



43.7883, 50.9371, 73.2029

Sweetspot

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



56.1850, 50.9394, 55.5869



87.6167, 88.3349, 96.5526



56.3579, 50.5164, 78.7323



18.6230, 18.7030, 20.4473



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.



56.1850, 50.9394, 55.5869



69.9012, 60.8693, 66.0910



56.9372, 54.7755, 48.6489



13.8641, 13.7633, 15.0548



18.4530, 9.4482, 3.7852



1.3166, 0.6699, 0.4600

Inverse Universe

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



56.1850, 50.9394, 55.5869



69.9012, 60.8693, 66.0910



55.9766, 63.4084, 81.2408



13.8641, 13.7633, 15.0548



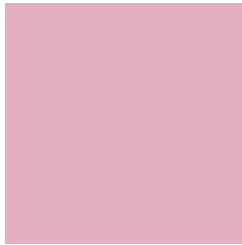
18.4530, 9.4482, 3.7852



1.3166, 0.6699, 0.4600

Previews

White Background



This preview shows how the XYZ color 56.1836, 50.9371, 55.5858 looks on a white background.

Color Contrast Check

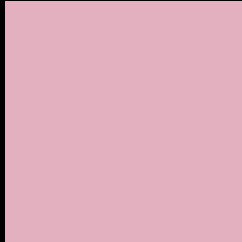
Large Text (above 18pt) WCAG AA × Fail

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 56.1836, 50.9371, 55.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

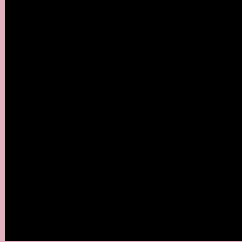
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1836, 50.9371, 55.5858

Background



This preview shows how black text looks on a background with the XYZ color 56.1836, 50.9371, 55.5858.



This preview shows how white text looks on a background with the XYZ color 56.1836, 50.9371,

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

56.1836, 50.9371, 55.5858

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

52.1312, 50.9510, 55.2310



Tritanopia

56.1836, 50.9371, 55.5858

Trichromacy



Original Color

56.1836, 50.9371, 55.5858

Protanomaly

51.5067, 50.8725, 58.1436

Deuteranomaly

53.5309, 50.7637, 55.1211

Tritanomaly

56.1836, 50.9371, 55.5858

Monochromacy



Original Color

56.1836, 50.9371, 55.5858

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4616, 52.3256, 57.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1836, 50.9371, 55.5858 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, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 190)  
}
```

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, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.1836, 50.9371, 55.5858 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, 176, 190) }
```


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

```
.border{ border-color:rgb(226, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1836, 50.9371, 55.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 190) }
```

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

```
.background{ background-color: rgb(226,  
176, 190) }
```

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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