

Converting Colors

XYZ(56.6271, 58.2543, 50.7433)

Have a look what the booklet for
XYZ(56.6271, 58.2543, 50.7433)
contains.

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Color

**XYZ(56.6497, 58.2418,
50.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C6B3
RGB	216, 198, 179
RGB Percent	85%, 78%, 70%
CMY	0.1529, 0.2235, 0.2980
CMYK	0.00, 0.08, 0.17, 0.15
HSL	31°, 32%, 77%
HSV	31°, 17%, 85%
XYZ	56.6497, 58.2418, 50.9039
YIQ	201.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

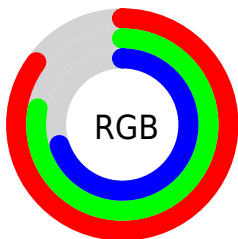
Format	Color
R_YB	214, 216, 179
Decimal	14206643
CIE Lab	80.87, 3.23, 11.80
CIE LCh	81, 12.231, 74.711
Yxy	58.2418, 0.3417, 0.3513
Android (android.graphics.Color)	4292396723 (0xFFD8C6B3)
YUV	201.2160, -10.9525, 12.9656
Hunter-Lab	76.3163, -1.0528, 13.8743

Details

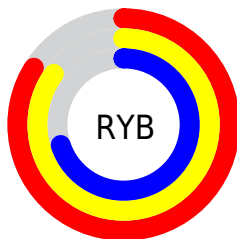
The XYZ color **56.6497, 58.2418, 50.9039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9511, 54.4729, 72.7951**, and the grayscale version is **55.7111, 58.6125, 63.8290**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **28.4371, 29.0299, 23.8432** is the 20% darker color. If you saturate the color by 10%, you get **52.3158, 52.8001, 39.5124**, and if you desaturate by 10%, it is **61.4956, 64.1587, 64.1557**.

Distribution



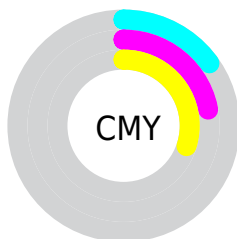
- Red (85%)
- Green (78%)
- Blue (70%)



- Red (84%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6497, 58.2418, 50.9039 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 56.6497, 58.2418, 50.9039 by changing the saturation by 10% instead.

 56.6497, 58.2418,
50.9039

 56.6497, 58.2418,
50.9039


402.1708,
418.0863, 407.0262

 40.9631, 42.0031,
35.7559


 99.0882, 102.2749,
92.9228

 28.4778, 29.1037,
23.9576


126.5708,
130.8380, 120.6307

 18.8284, 19.1593,
15.0902


158.7161,
164.2781, 153.3624

 11.6496, 11.7854,
8.7354

195.8895,
202.9795, 191.5364

 6.5761, 6.5977,
4.4746

238.4563,
247.3267, 235.5713

 3.2424, 3.2118,
1.8891

286.7819,

 1.2832, 1.2433,

297.7039, 285.8855

0.4858

341.2316,
354.4957, 342.8976

■ 0.1706, 0.0967,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6497, 58.2418,
50.9039

■ 56.6497, 58.2418,
50.9039

■ 52.3158, 52.8001,
39.5124

■ 61.4956, 64.1587,
64.1557

■ 48.4699, 47.8129,
29.8928

■ 66.8669, 70.5556,
79.3434

■ 45.0930, 43.2689,
21.9548

■ 72.7822, 77.4468,
96.5430

■ 42.1628, 39.1534,
15.5987

■ 77.5375, 84.1557,
106.7648

■ 39.6549, 35.4509,
10.7141

■ 80.7208, 90.5224,
107.8259

■ 37.5420, 32.1441,
7.1761

■ 82.1291, 93.3390,
108.2953

■ 35.7925, 29.2142,
4.8386

■ 34.3659, 26.6382,
3.5085

■ 33.9974, 25.9557,
3.2181

Harmonies

Analogous

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



58.8865, 58.2418, 54.1104



56.6497, 58.2418, 50.9039



54.1309, 58.2418, 50.8725

Triad

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



56.6497, 58.2418, 50.9039



50.7841, 58.2418, 67.0195



58.8504, 58.2418, 73.8402

Complementary

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



56.6497, 58.2418, 50.9039



50.9511, 54.4729, 72.7951

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.



56.6016, 58.2418, 77.8671



56.6497, 58.2418, 50.9039



51.9716, 58.2418, 73.7303

Square

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



56.6497, 58.2418, 50.9039



50.7961, 58.2418, 59.8124



54.0843, 58.2418, 77.8254



60.1832, 58.2418, 67.1603

Rectangle

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



56.6497, 58.2418, 50.9039



52.6330, 58.2418, 52.6388



54.0843, 58.2418, 77.8254



58.1736, 58.2418, 75.5707

Sweetspot

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



56.6513, 58.2444, 50.9051



91.1181, 95.3129, 97.7962



54.5751, 50.8941, 60.0720



19.3881, 20.2630, 20.6109



0.0000, 0.0000, 0.0000



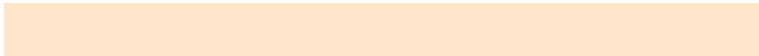
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6513, 58.2444, 50.9051



79.8424, 81.5119, 67.0615



61.0120, 66.9659, 52.3587



12.9454, 13.4651, 13.0774



20.2314, 15.5801, 1.9409



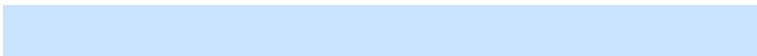
1.3030, 1.1052, 0.1447

Inverse Universe

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



50.9511, 54.4729, 72.7951



69.8633, 74.9094, 105.3845



47.1060, 46.7826, 71.5134



12.2362, 12.9958, 15.8010



10.4371, 9.1359, 39.6665



0.7122, 0.7164, 2.4201

Previews

White Background



This preview shows how the XYZ color 56.6497, 58.2418, 50.9039 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 56.6497, 58.2418, 50.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

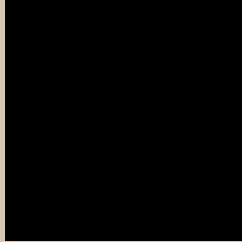
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6497, 58.2418, 50.9039

Background



This preview shows how black text looks on a background with the XYZ color 56.6497, 58.2418, 50.9039.



This preview shows how white text looks on a background with the XYZ color 56.6497, 58.2418,

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

56.6497, 58.2418, 50.9039

Protanopia

55.1870, 58.1592, 51.4972

Deuteranopia

59.5249, 58.3728, 51.3098



Tritanopia

60.3156, 58.4027, 68.4155

Trichromacy



Original Color

56.6497, 58.2418, 50.9039

Protanomaly

55.8130, 58.1392, 51.4603

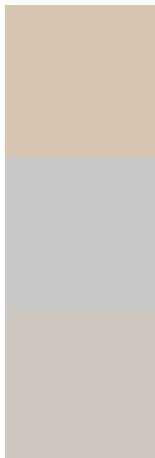
Deuteranomaly

58.4938, 58.1728, 51.3255

Tritanomaly

58.9216, 58.1675, 61.5480

Monochromacy



Original Color

56.6497, 58.2418, 50.9039

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7335, 58.2806, 58.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6497, 58.2418, 50.9039 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(216, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 179)  
}
```

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(216, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 179) }
```

Border

The CSS property to change the border of an element to XYZ 56.6497, 58.2418, 50.9039 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(216, 198, 179) }
```


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

```
.border{ border-color:rgb(216, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6497, 58.2418, 50.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 179) }
```

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

```
.background{ background-color: rgb(216,  
198, 179) }
```

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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