

Converting Colors

XYZ(56.2985, 58.1130, 60.4526)

Have a look what the booklet for
XYZ(56.2985, 58.1130, 60.4526)
contains.

XYZ(56.3997, 58.2423, 60.4939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.3997, 58.2423,
60.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7C4
RGB	208, 199, 196
RGB Percent	82%, 78%, 77%
CMY	0.1843, 0.2196, 0.2314
CMYK	0.00, 0.04, 0.06, 0.18
HSL	15°, 11%, 79%
HSV	15°, 6%, 82%
XYZ	56.3997, 58.2423, 60.4939
YIQ	201.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

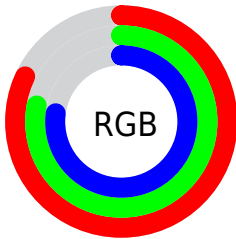
Format	Color
R _Y B	208, 200, 196
Decimal	13682628
CIE Lab	80.87, 2.60, 2.61
CIE LCh	81, 3.684, 45.020
Yxy	58.2423, 0.3220, 0.3326
Android (android.graphics.Color)	4291872708 (0xFFD0C7C4)
YUV	201.3490, -2.6371, 5.8329
Hunter-Lab	76.3166, -1.6386, 6.4243

Details

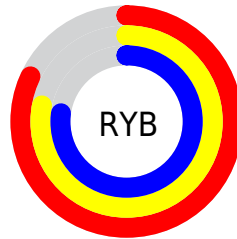
The XYZ color **56.3997, 58.2423, 60.4939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9814, 59.9516, 68.2966**, and the grayscale version is **55.7484, 58.6516, 63.8716**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **28.3343, 29.0738, 29.7096** is the 20% darker color. If you saturate the color by 10%, you get **50.7889, 50.5500, 47.7415**, and if you desaturate by 10%, it is **62.7098, 66.8063, 75.1002**.

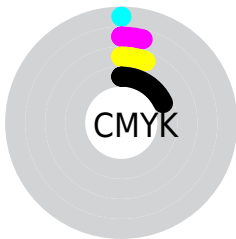
Distribution



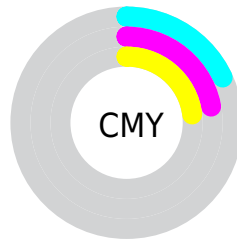
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3997, 58.2423, 60.4939 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 56.3997, 58.2423, 60.4939 by changing the saturation by 10% instead.

■ 56.3997, 58.2423,
60.4939

■ 56.3997, 58.2423,
60.4939

401.2467,
418.0882, 444.2710

■ 40.7617, 42.0035,
43.3890

98.7252, 102.2756,
107.0962

■ 28.3198, 29.1040,
29.8568

126.1434,
130.8389, 137.4306

■ 18.7086, 19.1595,
19.4788

158.2190,
164.2791, 173.0119

■ 11.5626, 11.7856,
11.8364

195.3175,
202.9807, 214.2587

■ 6.5167, 6.5979,
6.5112

237.8042,
247.3280, 261.5894

■ 3.2053, 3.2119,
3.0846

286.0444,

■ 1.2633, 1.2433,

297.7054, 315.4227

1.1380

340.4034,
354.4973, 376.1770

■ 0.1555, 0.0967,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3997, 58.2423,
60.4939

■ 56.3997, 58.2423,
60.4939

■ 50.7889, 50.5500,
47.7415

■ 62.7098, 66.8063,
75.1002

■ 45.8479, 43.6945,
36.7648

■ 69.7374, 76.2607,
91.6267

■ 41.5526, 37.6493,
27.4857

■ 76.9536, 86.4118,
107.2310

■ 37.8753, 32.3841,
19.8186

■ 79.8228, 92.1501,
108.1874

■ 34.7863, 27.8663,
13.6707

■ 32.2533, 24.0611,
8.9394

■ 30.2406, 20.9306,
5.5093

■ 28.7078, 18.4334,
3.2466

■ 27.6076, 16.5225,
1.9868

Harmonies

Analogous

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



56.7848, 58.2423, 62.3347



56.3997, 58.2423, 60.4939



55.7371, 58.2423, 59.4482

Triad

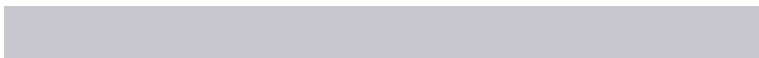
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3997, 58.2423, 60.4939



53.9542, 58.2423, 62.3375



55.7381, 58.2423, 67.5557

Complementary

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



56.3997, 58.2423, 60.4939



55.9814, 59.9516, 68.2966

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.



54.9797, 58.2423, 67.5565



56.3997, 58.2423, 60.4939



53.9545, 58.2423, 64.5096

Square

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



56.3997, 58.2423, 60.4939



54.3276, 58.2423, 60.4959



54.3283, 58.2423, 66.4306



56.4004, 58.2423, 66.4285

Rectangle

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



56.3997, 58.2423, 60.4939



55.2295, 58.2423, 59.3271



54.3283, 58.2423, 66.4306



55.4859, 58.2423, 67.6885

Sweetspot

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



56.4013, 58.2448, 60.4952



93.0320, 97.2606, 104.2301



56.7726, 57.2984, 65.8259



19.9338, 20.8465, 22.3584



0.0000, 0.0000, 0.0000



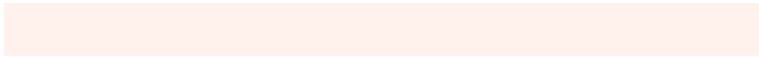
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4013, 58.2448, 60.4952



88.1865, 90.6602, 93.0870



57.8084, 61.0589, 60.9642



12.2868, 12.6118, 12.8980



17.0448, 10.0227, 1.0362



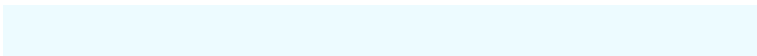
1.0173, 0.6890, 0.0794

Inverse Universe

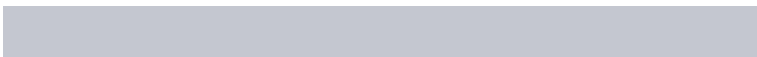
The Inverse Universe completely reimagines the original color for something new.



55.9814, 59.9516, 68.2966



87.3764, 93.9527, 108.1372



54.5744, 57.1376, 67.8276



12.1666, 13.1003, 15.1310



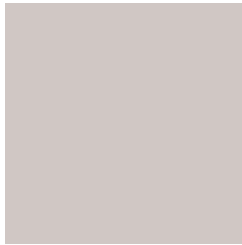
14.5790, 17.8046, 39.8607



0.8760, 1.1173, 2.2491

Previews

White Background



This preview shows how the XYZ color 56.3997, 58.2423, 60.4939 looks on a white background.

Color Contrast Check

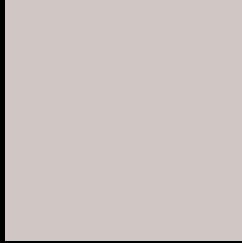
Large Text (above 18pt) WCAG AA × Fail

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 56.3997, 58.2423, 60.4939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

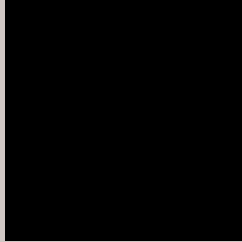
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

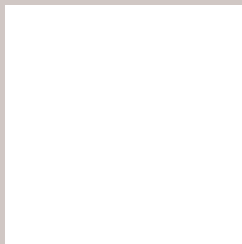
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3997, 58.2423, 60.4939

Background



This preview shows how black text looks on a background with the XYZ color 56.3997, 58.2423, 60.4939.



This preview shows how white text looks on a background with the XYZ color 56.3997, 58.2423,

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

56.3997, 58.2423, 60.4939

Protanopia

55.7949, 58.2732, 60.5317

Deuteranopia

59.1886, 57.9869, 60.8963



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

56.3997, 58.2423, 60.4939

Protanomaly

56.0717, 58.4159, 60.5447

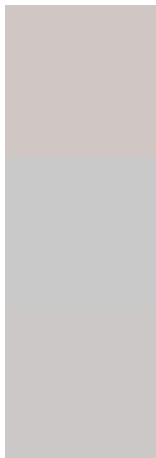
Deuteranomaly

58.1369, 58.1100, 60.9755

Tritanomaly

57.6292, 58.3997, 66.6274

Monochromacy



Original Color

56.3997, 58.2423, 60.4939

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8649, 58.2694, 62.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3997, 58.2423, 60.4939 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(208, 199, 196) looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 196)  
}
```

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(208, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.3997, 58.2423, 60.4939 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(208, 199, 196) }
```


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

```
.border{ border-color:rgb(208, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3997, 58.2423, 60.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 196) }
```

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

```
.background{ background-color: rgb(208,  
199, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor