

Converting Colors

XYZ(56.6470, 59.1120, 60.3810)

Have a look what the booklet for
XYZ(56.6470, 59.1120, 60.3810)
contains.

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Color

**XYZ(56.5826, 59.0242,
60.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9C4
RGB	207, 201, 196
RGB Percent	81%, 79%, 77%
CMY	0.1882, 0.2117, 0.2314
CMYK	0.00, 0.03, 0.05, 0.19
HSL	27°, 10%, 79%
HSV	27°, 5%, 81%
XYZ	56.5826, 59.0242, 60.6351
YIQ	202.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

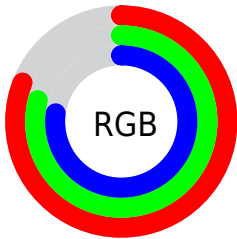
Format	Color
R_{YB}	207, 205, 196
Decimal	13617604
CIE Lab	81.30, 1.20, 3.22
CIE LCh	81, 3.437, 69.613
Yxy	59.0242, 0.3211, 0.3349
Android (android.graphics.Color)	4291807684 (0xFFCFC9C4)
YUV	202.2240, -3.0684, 4.1886
Hunter-Lab	76.8272, -2.9839, 6.9850

Details

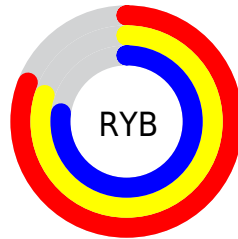
The XYZ color **56.5826, 59.0242, 60.6351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1479, 58.4810, 67.4137**, and the grayscale version is **56.2965, 59.2283, 64.4997**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **28.4531, 29.5927, 29.8035** is the 20% darker color. If you saturate the color by 10%, you get **51.8530, 53.0786, 48.2250**, and if you desaturate by 10%, it is **61.8339, 65.4915, 74.8244**.

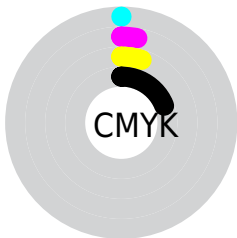
Distribution



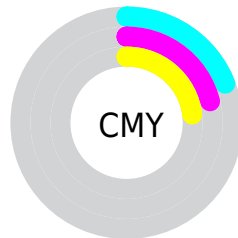
- Red (81%)
- Green (79%)
- Blue (77%)



- Red (81%)
- Yellow (80%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5826, 59.0242, 60.6351 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 56.5826, 59.0242, 60.6351 by changing the saturation by 10% instead.

■ 56.5826, 59.0242,
60.6351

■ 56.5826, 59.0242,
60.6351

401.9229,
420.9916, 444.8043

■ 40.9090, 42.6326,
43.5021

98.9908, 103.4128,
107.3028

■ 28.4354, 29.5970,
29.9450

126.4561,
132.1787, 137.6746

■ 18.7962, 19.5329,
19.5451

158.5827,
165.8380, 173.2963

■ 11.6263, 12.0559,
11.8840

195.7360,
204.7753, 214.5867

■ 6.5601, 6.7818,
6.5432

238.2813,
249.3749, 261.9641

■ 3.2324, 3.3260,
3.1040

286.5840,

■ 1.2778, 1.3042,

300.0212, 315.8471

1.1480

341.0094,
357.0987, 376.6543

■ 0.1665, 0.1445,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5826, 59.0242,
60.6351

■ 56.5826, 59.0242,
60.6351

■ 51.8530, 53.0786,
48.2250

■ 61.8339, 65.4915,
74.8244

■ 47.6228, 47.6336,
37.5192

■ 67.6184, 72.4858,
90.8561

■ 43.8753, 42.6774,
28.4431

■ 73.4500, 79.8207,
106.1434

■ 40.5908, 38.1951,
20.9152

■ 76.7814, 86.4834,
107.2539

■ 37.7482, 34.1710,
14.8465

■ 79.5425, 92.0056,
108.1743

■ 35.3243, 30.5881,
10.1391

■ 33.2937, 27.4284,
6.6830

■ 31.6272, 24.6717,
4.3505

■ 30.2900, 22.2955,
2.9856

Harmonies

Analogous

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



57.1700, 59.0242, 61.7813



56.5826, 59.0242, 60.6351



55.8707, 59.0242, 60.4506

Triad

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



56.5826, 59.0242, 60.6351



54.7517, 59.0242, 64.9293



56.9848, 59.0242, 67.3588

Complementary

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



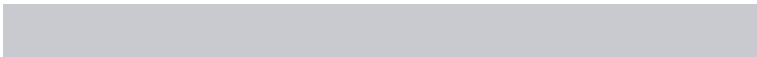
56.5826, 59.0242, 60.6351



55.1479, 58.4810, 67.4137

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.



56.3314, 59.0242, 68.2414



56.5826, 59.0242, 60.6351



55.0448, 59.0242, 66.8191

Square

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



56.5826, 59.0242, 60.6351



54.8177, 59.0242, 62.9010



55.6216, 59.0242, 68.0418



57.4036, 59.0242, 65.6533

Rectangle

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



56.5826, 59.0242, 60.6351



55.4219, 59.0242, 60.8938



55.6216, 59.0242, 68.0418



56.7851, 59.0242, 67.7632

Sweetspot

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



56.5842, 59.0268, 60.6364



93.3591, 97.9148, 104.3392



56.1395, 57.0128, 63.9547



20.0005, 20.9797, 22.3807



0.0000, 0.0000, 0.0000



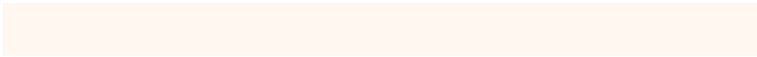
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5842, 59.0268, 60.6364



90.0804, 93.8470, 95.5711



57.8766, 61.6114, 61.0671



12.5526, 13.0657, 13.2263



18.8353, 13.6035, 1.6330



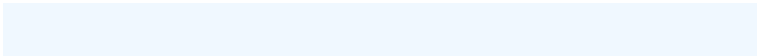
1.1320, 0.9183, 0.1176

Inverse Universe

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



55.1479, 58.4810, 67.4137



87.4632, 92.8525, 107.9203



53.8925, 55.9701, 66.9952



12.1564, 12.9152, 15.0958



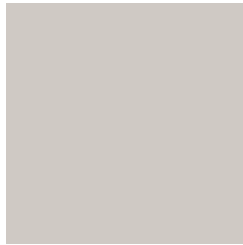
10.9009, 10.4485, 38.6347



0.6883, 0.7418, 2.1865

Previews

White Background



This preview shows how the XYZ color 56.5826, 59.0242, 60.6351 looks on a white background.

Color Contrast Check

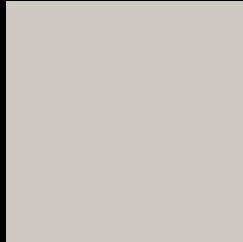
Large Text (above 18pt) WCAG AA × Fail

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 56.5826, 59.0242, 60.6351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

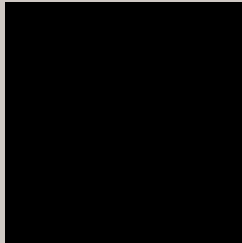
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

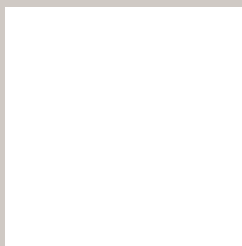
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5826, 59.0242, 60.6351

Background



This preview shows how black text looks on a background with the XYZ color 56.5826, 59.0242, 60.6351.

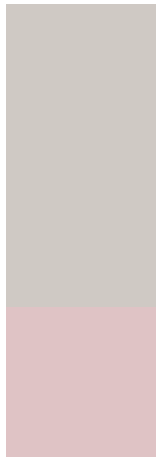


This preview shows how white text looks on a background with the XYZ color 56.5826, 59.0242,

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

56.5826, 59.0242, 60.6351

Protanopia

56.5826, 59.0242, 60.6351

Deuteranopia

60.0246, 58.7494, 60.9995



Tritanopia

58.9100, 58.9448, 71.8909

Trichromacy



Original Color

56.5826, 59.0242, 60.6351

Protanomaly

56.5826, 59.0242, 60.6351

Deuteranomaly

58.6596, 58.7154, 61.0648

Tritanomaly

57.9804, 58.9072, 67.3458

Monochromacy



Original Color

56.5826, 59.0242, 60.6351

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4477, 59.2486, 63.1046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5826, 59.0242, 60.6351 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(207, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 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(207, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.5826, 59.0242, 60.6351 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(207, 201, 196) }
```


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

```
.border{ border-color:rgb(207, 201, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5826, 59.0242, 60.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 196) }
```

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

```
.background{ background-color: rgb(207,  
201, 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](#).

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