

Converting Colors

XYZ(57.5793, 61.5145, 64.2192)

Have a look what the booklet for
XYZ(57.5793, 61.5145, 64.2192)
contains.

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Color

**XYZ(57.4840, 61.5392,
64.1069)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCFC9
RGB	203, 207, 201
RGB Percent	80%, 81%, 79%
CMY	0.2039, 0.1882, 0.2118
CMYK	0.02, 0.00, 0.03, 0.19
HSL	100°, 6%, 80%
HSV	100°, 3%, 81%
XYZ	57.4840, 61.5392, 64.1069
YIQ	205.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

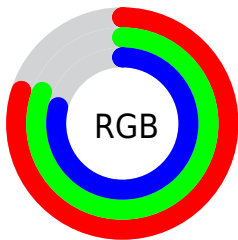
Format	Color
RYB	201, 207, 205
Decimal	13357001
CIELab	82.67, -2.46, 2.49
CIELCh	83, 3.496, 134.603
Yxy	61.5392, 0.3139, 0.3360
Android (android.graphics.Color)	4291547081 (0xFFCBCFC9)
YUV	205.1200, -2.0312, -1.8592
Hunter-Lab	78.4469, -6.4817, 6.4610

Details

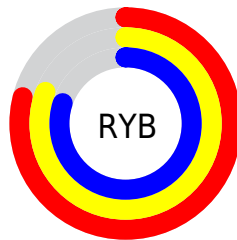
The XYZ color **57.4840, 61.5392, 64.1069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3284, 59.2592, 67.4513**, and the grayscale version is **58.1189, 61.1456, 66.5875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0521, 31.2786, 32.1099** is the 20% darker color. If you saturate the color by 10%, you get **51.6177, 58.7794, 51.9660**, and if you desaturate by 10%, it is **64.0169, 64.6082, 77.9946**.

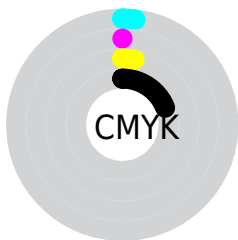
Distribution



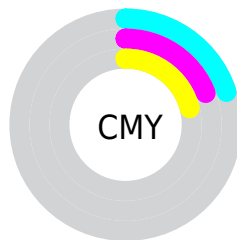
- Red (80%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4840, 61.5392, 64.1069 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 57.4840, 61.5392, 64.1069 by changing the saturation by 10% instead.

■ 57.4840, 61.5392,
64.1069

■ 57.4840, 61.5392,
64.1069

405.2454,
430.2483, 457.7936

■ 41.6356, 44.6605,
46.2905

100.2984,
107.0593, 112.3658

■ 29.0059, 31.1901,
32.1248

127.9950,
136.4694, 143.6455

■ 19.2296, 20.7436,
21.1912

160.3718,
170.8254, 180.2499

■ 11.9413, 12.9367,
13.0713

197.7941,
210.5118, 222.5977

■ 6.7756, 7.3850,
7.3463

240.6273,
255.9129, 271.1075

■ 3.3673, 3.7040,
3.5979

289.2366,

■ 1.3508, 1.5094,

307.4130, 326.1977

1.4075

343.9875,
365.3967, 388.2869

■ 0.2208, 0.2953,
0.1475

■ 0.0000, 0.0000,
0.0000

■ 57.4840, 61.5392,
64.1069

■ 57.4840, 61.5392,
64.1069

■ 51.6177, 58.7794,
51.9660

■ 64.0169, 64.6082,
77.9946

■ 46.3910, 56.3112,
41.4989

■ 71.2318, 67.9877,
93.6904

■ 41.7827, 54.1270,
32.6332

■ 77.8178, 71.1562,
104.2408

■ 37.7684, 52.2160,
25.2899

■ 81.6040, 73.1081,
104.4180

■ 34.3220, 50.5665,
19.3830

■ 31.4152, 49.1660,
14.8182

■ 29.0169, 48.0008,
11.4897

■ 27.0925, 47.0557,
9.2760

■ 25.6016, 46.3132,
8.0307

Harmonies

Analogous

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



58.1282, 61.5392, 63.0866



57.4840, 61.5392, 64.1069



57.1113, 61.5392, 65.9147

Triad

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



57.4840, 61.5392, 64.1069



58.1090, 61.5392, 71.0685



59.8983, 61.5392, 65.9695

Complementary

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



57.4840, 61.5392, 64.1069



57.3284, 59.2592, 67.4513

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.



59.8931, 61.5392, 68.1087



57.4840, 61.5392, 64.1069



58.8556, 61.5392, 71.0839

Square

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



57.4840, 61.5392, 64.1069



57.4700, 61.5392, 69.9490



59.5100, 61.5392, 69.9907



59.5243, 61.5392, 64.1462

Rectangle

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



57.4840, 61.5392, 64.1069



57.0649, 61.5392, 67.3378



59.5100, 61.5392, 69.9907



59.9410, 61.5392, 66.6747

Sweetspot

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



57.4857, 61.5418, 64.1082



94.0192, 99.5157, 106.7229



58.1086, 61.1477, 63.9993



20.1348, 21.3056, 22.8660



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.



57.4857, 61.5418, 64.1082



91.9904, 98.5622, 102.4551



57.0628, 61.3102, 64.7049



12.7764, 13.7498, 14.1308



15.6920, 28.9585, 4.7625



0.9608, 1.6622, 0.2702

Inverse Universe

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



57.3284, 59.2592, 67.4513



91.7267, 94.7358, 108.0591



57.7616, 59.4966, 66.8350



12.7308, 13.0887, 15.0990



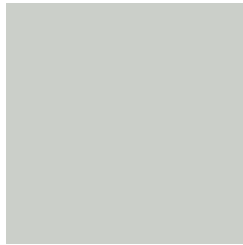
13.8092, 6.2992, 37.6805



0.8544, 0.3946, 2.1107

Previews

White Background



This preview shows how the XYZ color 57.4840, 61.5392, 64.1069 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 57.4840, 61.5392, 64.1069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

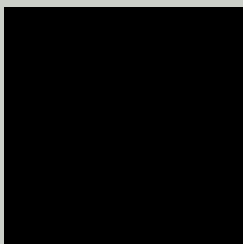
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

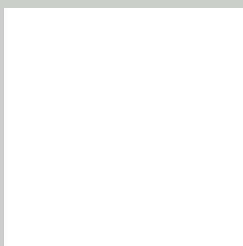
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4840, 61.5392, 64.1069

Background



This preview shows how black text looks on a background with the XYZ color 57.4840, 61.5392, 64.1069.



This preview shows how white text looks on a background with the XYZ color 57.4840, 61.5392,

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

57.4840, 61.5392, 64.1069

Protanopia

59.1206, 61.6817, 63.4333

Deuteranopia

62.5669, 61.3274, 65.0397



Tritanopia

59.9647, 61.4748, 76.4155

Trichromacy



Original Color

57.4840, 61.5392, 64.1069

Protanomaly

58.5091, 61.7226, 63.4735

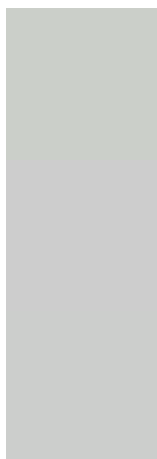
Deuteranomaly

60.6946, 61.4108, 64.5316

Tritanomaly

59.0184, 61.4459, 71.7004

Monochromacy



Original Color

57.4840, 61.5392, 64.1069

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8722, 61.3396, 65.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4840, 61.5392, 64.1069 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(203, 207, 201) looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 201)  
}
```

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(203, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.4840, 61.5392, 64.1069 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(203, 207, 201) }
```


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

```
.border{ border-color:rgb(203, 207, 201) }
```

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

Here you see how a box with a 4 pixel rgb(203, 207, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4840, 61.5392, 64.1069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 201) }
```

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

```
.background{ background-color: rgb(203,  
207, 201) }
```

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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