

Converting Colors

XYZ(56.9717, 57.6137, 64.6403)

Have a look what the booklet for
XYZ(56.9717, 57.6137, 64.6403)
contains.

XYZ(57.0402, 57.7996, 64.6500)	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(57.0402, 57.7996,
64.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C5CB
RGB	209, 197, 203
RGB Percent	82%, 77%, 80%
CMY	0.1804, 0.2274, 0.2039
CMYK	0.00, 0.06, 0.03, 0.18
HSL	330°, 12%, 80%
HSV	330°, 6%, 82%
XYZ	57.0402, 57.7996, 64.6500
YIQ	201.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

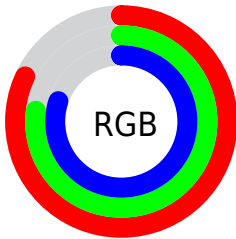
Format	Color
R _Y B	209, 197, 203
Decimal	13747659
CIE Lab	80.63, 5.25, -1.50
CIE LCh	81, 5.459, 344.045
Yxy	57.7996, 0.3178, 0.3220
Android (android.graphics.Color)	4291937739 (0xFFD1C5CB)
YUV	201.2720, 0.8519, 6.7775
Hunter-Lab	76.0260, 0.8779, 2.8000

Details

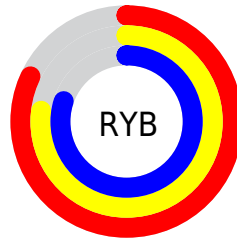
The XYZ color **57.0402, 57.7996, 64.6500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6081, 61.7845, 65.4449**, and the grayscale version is **55.6800, 58.5797, 63.7933**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.7648, 28.7834, 32.4735** is the 20% darker color. If you saturate the color by 10%, you get **51.4160, 48.4774, 56.8355**, and if you desaturate by 10%, it is **63.4096, 68.4763, 73.1288**.

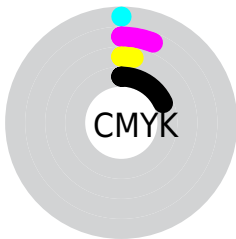
Distribution



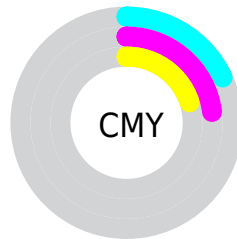
- Red (82%)
- Green (77%)
- Blue (80%)



- Red (82%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0402, 57.7996, 64.6500 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 57.0402, 57.7996, 64.6500 by changing the saturation by 10% instead.

■ 57.0402, 57.7996,
64.6500

■ 57.0402, 57.7996,
64.6500

403.6117,
416.4388, 459.8049

■ 41.2778, 41.6476,
46.7278

99.6549, 101.6310,
113.1550

■ 28.7248, 28.8254,
32.4677

127.2378,
130.0791, 144.5748

■ 19.0160, 18.9488,
21.4512

159.4917,
163.3947, 181.3309

■ 11.7859, 11.6333,
13.2598

196.7818,
201.9622, 223.8419

■ 6.6692, 6.4945,
7.4748

239.4734,
246.1659, 272.5262

■ 3.3006, 3.1480,
3.6779

287.9321,

■ 1.3146, 1.2095,

296.3904, 327.8025

1.4503

342.5230,
353.0198, 390.0892

■ 0.1941, 0.0694,
0.1805

■ 0.0000, 0.0000,
0.0000

■ 57.0402, 57.7996,
64.6500

■ 57.0402, 57.7996,
64.6500

■ 51.4160, 48.4774,
56.8355

■ 63.4096, 68.4763,
73.1288

■ 46.5036, 40.4477,
49.6638

■ 70.5463, 80.5513,
82.2849

■ 42.2742, 33.6548,
43.1178

■ 76.9579, 91.0367,
91.6294

■ 38.6949, 28.0361,
37.1779

■ 78.5078, 91.6566,
99.7906

■ 35.7303, 23.5233,
31.8232

■ 80.1048, 92.2955,
108.2006

■ 33.3412, 20.0410,
27.0316

■ 31.4836, 17.5045,
22.7788

■ 30.1066, 15.8151,
19.0376

■ 29.1477, 14.8513,
15.7770

Harmonies

Analogous

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



56.4524, 57.7996, 67.4867



57.0402, 57.7996, 64.6500



57.0593, 57.7996, 61.4443

Triad

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



57.0402, 57.7996, 64.6500



54.4142, 57.7996, 57.1206



53.3985, 57.7996, 67.3341

Complementary

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



57.0402, 57.7996, 64.6500



56.6081, 61.7845, 65.4449

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.



52.8676, 57.7996, 64.4474



57.0402, 57.7996, 64.6500



53.4485, 57.7996, 58.5907

Square

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



57.0402, 57.7996, 64.6500



55.5328, 57.7996, 57.1707



52.8857, 57.7996, 61.2485



54.3451, 57.7996, 69.0721

Rectangle

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



57.0402, 57.7996, 64.6500



56.7464, 57.7996, 59.5333



52.8857, 57.7996, 61.2485



53.1661, 57.7996, 66.4617

Sweetspot

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



57.0418, 57.8021, 64.6513



93.0365, 96.6259, 106.2163



56.1056, 57.2352, 68.4127



19.9348, 20.7173, 22.7629



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.



57.0418, 57.8021, 64.6513



88.2133, 88.5735, 99.6942



56.3408, 57.5217, 60.9596



12.2909, 12.3030, 13.8768



17.8176, 8.9999, 9.2115



1.0363, 0.5192, 0.7260

Inverse Universe

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



57.0418, 57.8021, 64.6513



88.2133, 88.5735, 99.6942



57.3368, 62.0760, 69.2822



12.2909, 12.3030, 13.8768



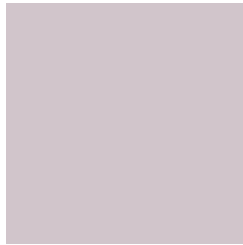
17.8176, 8.9999, 9.2115



1.0363, 0.5192, 0.7260

Previews

White Background



This preview shows how the XYZ color 57.0402, 57.7996, 64.6500 looks on a white background.

Color Contrast Check

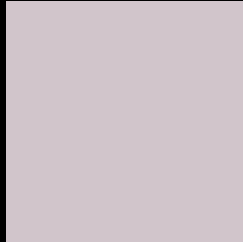
Large Text (above 18pt) WCAG AA × Fail

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 57.0402, 57.7996, 64.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

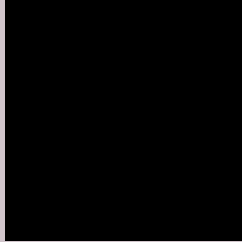
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0402, 57.7996, 64.6500

Background



This preview shows how black text looks on a background with the XYZ color 57.0402, 57.7996, 64.6500.



This preview shows how white text looks on a background with the XYZ color 57.0402, 57.7996,

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

57.0402, 57.7996, 64.6500

Protanopia

55.6796, 57.7630, 65.3415

Deuteranopia

59.1043, 57.8486, 65.1775



Tritanopia

58.0761, 57.8846, 69.7399

Trichromacy



Original Color

57.0402, 57.7996, 64.6500

Protanomaly

56.2700, 57.7269, 65.3034

Deuteranomaly

58.4385, 57.8369, 65.2103

Tritanomaly

57.7034, 57.7356, 67.7773

Monochromacy



Original Color

57.0402, 57.7996, 64.6500

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2168, 58.4102, 64.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0402, 57.7996, 64.6500 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(209, 197, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 203)  
}
```

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(209, 197, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.0402, 57.7996, 64.6500 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(209, 197, 203) }
```


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

```
.border{ border-color:rgb(209, 197, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0402, 57.7996, 64.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 203) }
```

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

```
.background{ background-color: rgb(209,  
197, 203) }
```

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