

Converting Colors

XYZ(57.6978, 59.9875, 65.5240)

Have a look what the booklet for
XYZ(57.6978, 59.9875, 65.5240)
contains.

| | |
|--|----|
| XYZ(57.7517, 59.8661, 65.6382) | 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(57.7517, 59.8661,
65.6382)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CFCACC |
| RGB | 207, 202, 204 |
| RGB Percent | 81%, 79%, 80% |
| CMY | 0.1882, 0.2078, 0.2000 |
| CMYK | 0.00, 0.02, 0.01, 0.19 |
| HSL | 336°, 5%, 80% |
| HSV | 336°, 2%, 81% |
| XYZ | 57.7517, 59.8661, 65.6382 |
| YIQ | 203.7230, 2.3380, 1.6820 |

Conversions

Conversions Part 2

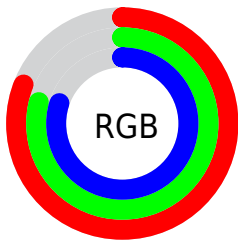
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 207, 202, 204 |
| Decimal | 13617868 |
| CIE Lab | 81.77, 2.09, -0.39 |
| CIE LCh | 82, 2.126, 349.413 |
| Yxy | 59.8661, 0.3151, 0.3267 |
| Android (android.graphics.Color) | 4291807948 (0xFFCFCACC) |
| YUV | 203.7230, 0.1366, 2.8739 |
| Hunter-Lab | 77.3732, -2.1699, 3.8636 |

Details

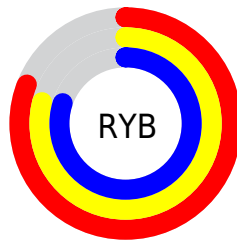
The XYZ color **57.7517, 59.8661, 65.6382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6916, 61.5914, 66.6083**, and the grayscale version is **57.2192, 60.1991, 65.5568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2318, 30.1541, 33.1338** is the 20% darker color. If you saturate the color by 10%, you get **51.7855, 50.2243, 56.5862**, and if you desaturate by 10%, it is **64.4918, 70.8636, 75.5366**.

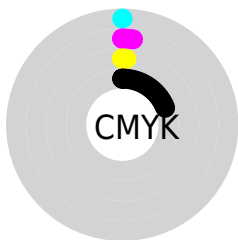
Distribution



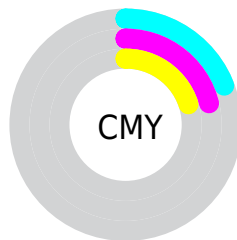
- Red (81%)
- Green (79%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7517, 59.8661, 65.6382 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 57.7517, 59.8661, 65.6382 by changing the saturation by 10% instead.

■ 57.7517, 59.8661,
65.6382

■ 57.7517, 59.8661,
65.6382

406.2289,
424.1040, 463.4507

■ 41.8515, 43.3107,
47.5241

100.6862,
104.6354, 114.5889

■ 29.1757, 30.1290,
33.0929

128.4513,
133.6181, 146.2627

■ 19.3587, 19.9365,
21.9259

160.9021,
167.5121, 183.2934

■ 12.0353, 12.3489,
13.6047

198.4039,
206.7016, 226.0997

■ 6.8401, 6.9818,
7.7106

241.3222,
251.5712, 275.1000

■ 3.4077, 3.4507,
3.8252

290.0222,

■ 1.3729, 1.3713,

302.5052, 330.7129

1.5300

344.8693,
359.8880, 393.3570

■ 0.2368, 0.1954,
0.2401

■ 0.0000, 0.0000,
0.0000

■ 57.7517, 59.8661,
65.6382

■ 57.7517, 59.8661,
65.6382

■ 51.7855, 50.2243,
56.5862

■ 64.4918, 70.8636,
75.5366

■ 46.5596, 41.8779,
48.3536

■ 72.0276, 83.2588,
86.2996

■ 42.0454, 34.7734,
40.9174

■ 77.4126, 91.1536,
96.9586

■ 38.2103, 28.8506,
34.2521

■ 79.3364, 91.9231,
107.0891

■ 35.0193, 24.0444,
28.3307

■ 79.5424, 92.0056,
108.1743

■ 32.4340, 20.2830,
23.1245

■ 30.4117, 17.4865,
18.6023

■ 28.9035, 15.5631,
14.7302

■ 27.8514, 14.4027,
11.4702

Harmonies

Analogous

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



57.5575, 59.8661, 66.8019



57.7517, 59.8661, 65.6382



57.7171, 59.8661, 64.3676

Triad

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



57.7517, 59.8661, 65.6382



56.6152, 59.8661, 62.8853



56.3425, 59.8661, 67.0751

Complementary

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



57.7517, 59.8661, 65.6382



57.6916, 61.5914, 66.6083

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.



56.0925, 59.8661, 66.0073



57.7517, 59.8661, 65.6382



56.2494, 59.8661, 63.5925

Square

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



57.7517, 59.8661, 65.6382



57.0593, 59.8661, 62.7894



56.0586, 59.8661, 64.7319



56.7429, 59.8661, 67.6387

Rectangle

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



57.7517, 59.8661, 65.6382



57.5689, 59.8661, 63.6305



56.0586, 59.8661, 64.7319



56.2382, 59.8661, 66.7626

Sweetspot

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



57.7534, 59.8687, 65.6395



93.9963, 98.2856, 107.3375



57.5619, 59.7280, 67.5270



20.1302, 21.0552, 22.9912



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.



57.7534, 59.8687, 65.6395



91.9271, 94.9235, 104.2543



57.6328, 60.0083, 64.4254



12.7657, 13.1213, 14.4404



17.2330, 8.7661, 6.1334



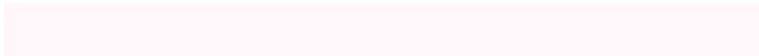
1.0023, 0.5056, 0.5469

Inverse Universe

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



57.7534, 59.8687, 65.6395



91.9271, 94.9235, 104.2543



57.8133, 61.4468, 67.8455



12.7657, 13.1213, 14.4404



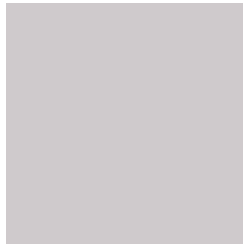
17.2330, 8.7661, 6.1334



1.0023, 0.5056, 0.5469

Previews

White Background



This preview shows how the XYZ color 57.7517, 59.8661, 65.6382 looks on a white background.

Color Contrast Check

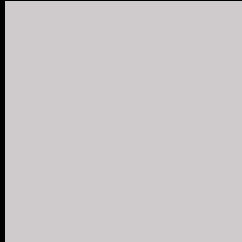
Large Text (above 18pt) WCAG AA × Fail

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 57.7517, 59.8661, 65.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

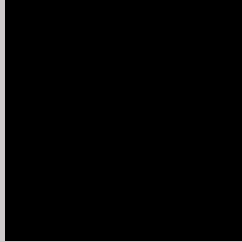
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

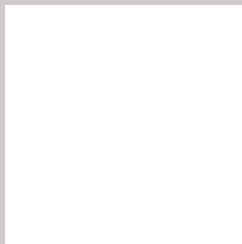
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7517, 59.8661, 65.6382

Background



This preview shows how black text looks on a background with the XYZ color 57.7517, 59.8661, 65.6382.

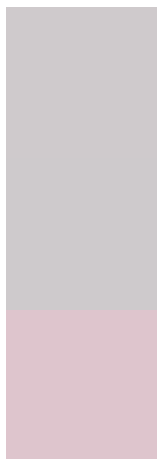


This preview shows how white text looks on a background with the XYZ color 57.7517, 59.8661,

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

57.7517, 59.8661, 65.6382

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

61.1099, 59.8699, 66.0928



Tritanopia

59.3434, 59.8217, 73.3848

Trichromacy



Original Color

57.7517, 59.8661, 65.6382

Protanomaly

57.4732, 59.7225, 65.6252

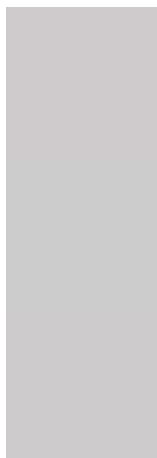
Deuteranomaly

60.0581, 60.0063, 66.1746

Tritanomaly

58.7827, 59.9367, 70.7581

Monochromacy



Original Color

57.7517, 59.8661, 65.6382

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4319, 60.0506, 65.6907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7517, 59.8661, 65.6382 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, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 204)  
}
```

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, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.7517, 59.8661, 65.6382 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, 202, 204) }
```


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

```
.border{ border-color:rgb(207, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7517, 59.8661, 65.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 204) }
```

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

```
.background{ background-color: rgb(207,  
202, 204) }
```

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