

Converting Colors

XYZ(57.1525, 61.5536, 68.3812)

Have a look what the booklet for
XYZ(57.1525, 61.5536, 68.3812)
contains.

XYZ(57.2297, 61.6716, 68.5620)	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(57.2297, 61.6716,
68.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0D0
RGB	198, 208, 208
RGB Percent	78%, 82%, 82%
CMY	0.2235, 0.1843, 0.1843
CMYK	0.05, 0.00, 0.00, 0.18
HSL	180°, 10%, 80%
HSV	180°, 5%, 82%
XYZ	57.2297, 61.6716, 68.5620
YIQ	205.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

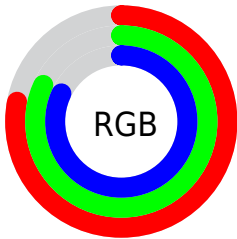
Format	Color
R _Y B	198, 203, 208
Decimal	13029584
CIE Lab	82.74, -3.38, -1.19
CIE LCh	83, 3.586, 199.298
Yxy	61.6716, 0.3053, 0.3290
Android (android.graphics.Color)	4291219664 (0xFFC6D0D0)
YUV	205.0100, 1.4741, -6.1478
Hunter-Lab	78.5313, -7.3478, 3.2085

Details

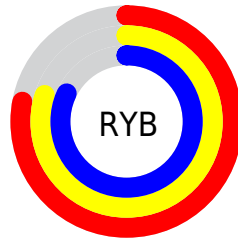
The XYZ color **57.2297, 61.6716, 68.5620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4018, 57.8768, 61.6276**, and the grayscale version is **58.0298, 61.0519, 66.4855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8899, 31.3736, 35.1049** is the 20% darker color. If you saturate the color by 10%, you get **52.1188, 59.0386, 68.3195**, and if you desaturate by 10%, it is **63.0971, 64.6980, 68.8424**.

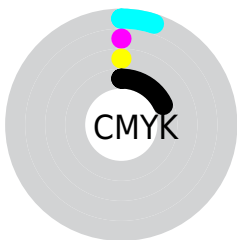
Distribution



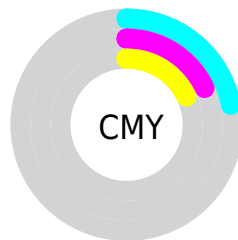
- Red (78%)
- Green (82%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2297, 61.6716, 68.5620 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 57.2297, 61.6716, 68.5620 by changing the saturation by 10% instead.

■ 57.2297, 61.6716,
68.5620

■ 57.2297, 61.6716,
68.5620

404.3097,
430.7322, 474.1367

■ 41.4305, 44.7674,
49.8855

99.9297, 107.2508,
118.8176

■ 28.8448, 31.2743,
34.9519

127.5613,
136.6945, 151.2338

■ 19.1071, 20.8078,
23.3426

159.8676,
171.0869, 189.0669

■ 11.8522, 12.9836,
14.6390

197.2142,
210.8123, 232.7357

■ 6.7146, 7.4172,
8.4226

239.9664,
256.2552, 282.6585

■ 3.3290, 3.7244,
4.2749

288.4895,

■ 1.3300, 1.5206,

307.7998, 339.2539

1.7773

343.1488,
365.8307, 402.9404

■ 0.2055, 0.3032,
0.4129

■ 0.0000, 0.0000,
0.0000

■ 57.2297, 61.6716,
68.5620

■ 57.2297, 61.6716,
68.5620

■ 52.1188, 59.0386,
68.3195

■ 63.0971, 64.6980,
68.8424

■ 47.7286, 56.7755,
68.1095

■ 69.7445, 68.1247,
69.1581

■ 44.0283, 54.8680,
67.9318

■ 75.1850, 70.9293,
69.4173

■ 40.9828, 53.2981,
67.7847

■ 75.1859, 70.9297,
69.4219

■ 38.5540, 52.0462,
67.6664

■ 75.1868, 70.9300,
69.4265

■ 36.6999, 51.0904,
67.5751

■ 75.1877, 70.9304,
69.4311

■ 35.3730, 50.4065,
67.5084

■ 75.1885, 70.9307,
69.4357

■ 34.5187, 49.9661,
67.4639

■ 75.1894, 70.9311,
69.4403

■ 34.0699, 49.7349,
67.4383

■ 75.1903, 70.9314,
69.4449

Harmonies

Analogous

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



57.1732, 61.6716, 66.3650



57.2297, 61.6716, 68.5620



57.6561, 61.6716, 70.4184

Triad

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



57.2297, 61.6716, 68.5620



59.7474, 61.6716, 69.9553



58.8926, 61.6716, 63.0661

Complementary

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



57.2297, 61.6716, 68.5620



56.4018, 57.8768, 61.6276

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.



59.5885, 61.6716, 63.9841



57.2297, 61.6716, 68.5620



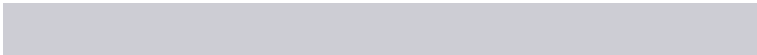
60.0850, 61.6716, 67.9410

Square

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



57.2297, 61.6716, 68.5620



59.1080, 61.6716, 71.2349



60.0266, 61.6716, 65.7573



58.1287, 61.6716, 63.2241

Rectangle

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



57.2297, 61.6716, 68.5620



58.0948, 61.6716, 71.1979



60.0266, 61.6716, 65.7573



59.1423, 61.6716, 63.2583

Sweetspot

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



57.2315, 61.6742, 68.5634



94.1179, 99.5195, 108.8556



56.0833, 61.2200, 62.2876



20.1549, 21.3063, 23.3001



0.0000, 0.0000, 0.0000



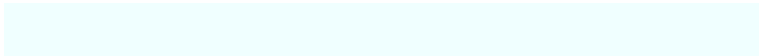
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2315, 61.6742, 68.5634



89.6426, 97.2125, 108.6425



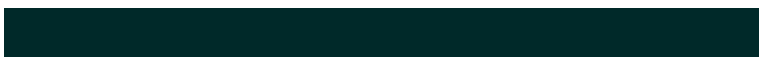
56.0709, 59.3524, 68.1786



12.4869, 13.5765, 15.2054



21.1486, 30.9524, 42.0241



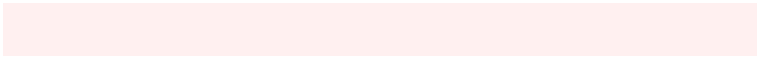
1.1826, 1.7307, 2.3500

Inverse Universe

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



56.4018, 57.8768, 61.6276



87.9963, 89.6774, 94.8803



57.5243, 60.1225, 61.9998



12.2377, 12.4358, 13.1219



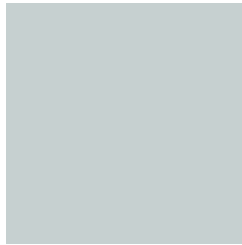
16.2127, 8.3579, 0.7604



0.9066, 0.4673, 0.0428

Previews

White Background



This preview shows how the XYZ color 57.2297, 61.6716, 68.5620 looks on a white background.

Color Contrast Check

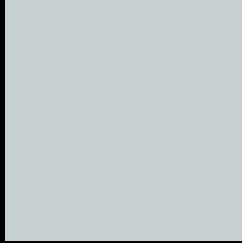
Large Text (above 18pt) WCAG AA × Fail

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 57.2297, 61.6716, 68.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

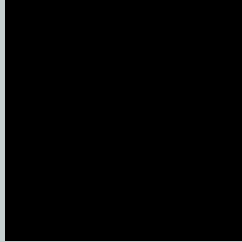
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

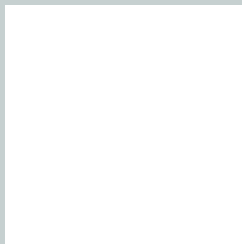
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2297, 61.6716, 68.5620

Background



This preview shows how black text looks on a background with the XYZ color 57.2297, 61.6716, 68.5620.

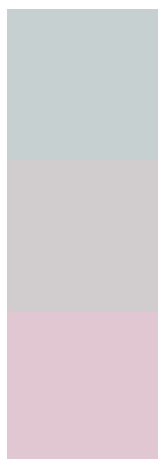


This preview shows how white text looks on a background with the XYZ color 57.2297, 61.6716,

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

57.2297, 61.6716, 68.5620

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

62.7968, 61.3473, 69.5042



Tritanopia

59.0755, 61.6959, 77.9021

Trichromacy



Original Color

57.2297, 61.6716, 68.5620

Protanomaly

58.5106, 61.6267, 67.8428

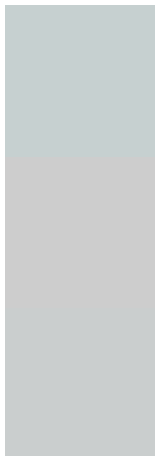
Deuteranomaly

60.6535, 61.2916, 68.9553

Tritanomaly

58.3904, 61.7775, 74.4924

Monochromacy



Original Color

57.2297, 61.6716, 68.5620

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5690, 61.1554, 67.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2297, 61.6716, 68.5620 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(198, 208, 208) looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 208)  
}
```

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(198, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.2297, 61.6716, 68.5620 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(198, 208, 208) }
```


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

```
.border{ border-color:rgb(198, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2297, 61.6716, 68.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 208) }
```

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

```
.background{ background-color: rgb(198,  
208, 208) }
```

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