

Converting Colors

XYZ(57.1895, 61.1665, 66.8147)

Have a look what the booklet for
XYZ(57.1895, 61.1665, 66.8147)
contains.

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Color

**XYZ(57.1517, 61.3128,
66.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CFCD
RGB	200, 207, 205
RGB Percent	78%, 81%, 80%
CMY	0.2157, 0.1882, 0.1961
CMYK	0.03, 0.00, 0.01, 0.19
HSL	163°, 7%, 80%
HSV	163°, 3%, 81%
XYZ	57.1517, 61.3128, 66.5799
YIQ	204.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

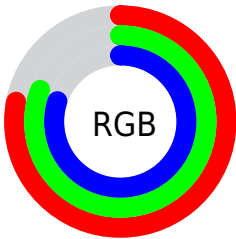
Format	Color
R _Y B	200, 204, 207
Decimal	13160397
CIE Lab	82.55, -2.75, 0.15
CIE LCh	83, 2.754, 176.830
Yxy	61.3128, 0.3089, 0.3313
Android (android.graphics.Color)	4291350477 (0xFFC8CFCD)
YUV	204.6790, 0.1583, -4.1035
Hunter-Lab	78.3025, -6.7451, 4.3980

Details

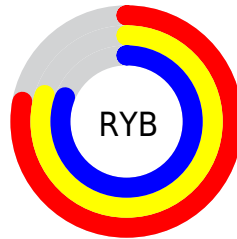
The XYZ color **57.1517, 61.3128, 66.5799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0494, 58.8399, 64.2306**, and the grayscale version is **57.8265, 60.8380, 66.2526**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8312, 31.1278, 33.7669** is the 20% darker color. If you saturate the color by 10%, you get **51.2921, 58.3748, 62.6454**, and if you desaturate by 10%, it is **63.7904, 64.6527, 70.6947**.

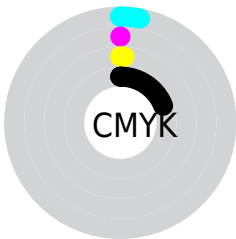
Distribution



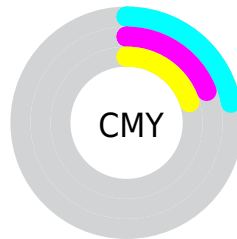
- Red (78%)
- Green (81%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1517, 61.3128, 66.5799 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 57.1517, 61.3128, 66.5799 by changing the saturation by 10% instead.

■ 57.1517, 61.3128,
66.5799

■ 57.1517, 61.3128,
66.5799

404.0225,
429.4200, 466.9087

■ 41.3677, 44.4777,
48.2839

99.8166, 106.7317,
115.9532

■ 28.7954, 31.0462,
33.6901

127.4281,
136.0843, 147.8675

■ 19.0696, 20.6340,
22.3802

159.7129,
170.3781, 185.1583

■ 11.8249, 12.8568,
13.9356

197.0363,
209.9976, 228.2441

■ 6.6959, 7.3300,
7.9376

239.7635,
255.3271, 277.5435

■ 3.3173, 3.6693,
3.9679

288.2601,

■ 1.3237, 1.4904,

306.7511, 333.4751

1.6077

342.8913,
364.6539, 396.4573

■ 0.2008, 0.2819,
0.2963

■ 0.0000, 0.0000,
0.0000

■ 57.1517, 61.3128,
66.5799

■ 57.1517, 61.3128,
66.5799

■ 51.2921, 58.3748,
62.6454

■ 63.7904, 64.6527,
70.6947

■ 46.1762, 55.8155,
58.8841

■ 71.2314, 68.4014,
74.9885

■ 41.7736, 53.6207,
55.2944

■ 76.8419, 71.2032,
79.3410

■ 38.0497, 51.7729,
51.8729

■ 77.6534, 71.5278,
83.6145

■ 34.9670, 50.2525,
48.6165

■ 78.4932, 71.8637,
88.0366

■ 32.4842, 49.0385,
45.5214

■ 79.3614, 72.2110,
92.6087

■ 30.5551, 48.1071,
42.5838

■ 80.2584, 72.5698,
97.3321

■ 29.1263, 47.4307,
39.7995

■ 81.1844, 72.9401,
102.2082

■ 28.1338, 46.9763,
37.1637

■ 81.6040, 73.1080,
104.4180

Harmonies

Analogous

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



57.3325, 61.3128, 64.9991



57.1517, 61.3128, 66.5799



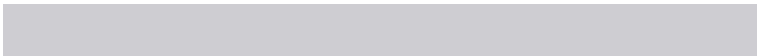
57.2705, 61.3128, 68.2349

Triad

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



57.1517, 61.3128, 66.5799



58.7890, 61.3128, 69.6976



58.8982, 61.3128, 64.0790

Complementary

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



57.1517, 61.3128, 66.5799



57.0494, 58.8399, 64.2306

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.



59.2932, 61.3128, 65.3049



57.1517, 61.3128, 66.5799



59.2298, 61.3128, 68.5508

Square

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



57.1517, 61.3128, 66.5799



58.2133, 61.3128, 70.0527



59.4149, 61.3128, 66.9389



58.3387, 61.3128, 63.5706

Rectangle

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



57.1517, 61.3128, 66.5799



57.5040, 61.3128, 69.1545



59.4149, 61.3128, 66.9389



59.0548, 61.3128, 64.4199

Sweetspot

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



57.1534, 61.3154, 66.5812



94.0008, 99.4727, 108.2390



57.1244, 61.3691, 63.4791



20.1311, 21.2968, 23.1746



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.



57.1534, 61.3154, 66.5812



90.9301, 97.9300, 106.2735



57.0590, 60.7371, 67.7507



12.6377, 13.6629, 14.8175



17.4576, 29.4760, 22.5877



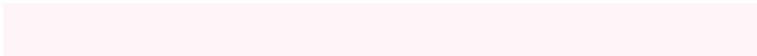
1.0094, 1.6614, 1.4382

Inverse Universe

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



57.0494, 58.8399, 64.2306



90.7315, 93.2037, 101.7857



57.1395, 59.3974, 63.0978



12.6055, 12.8970, 14.0902



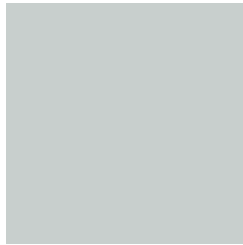
16.7489, 8.5724, 3.5840



0.9709, 0.4931, 0.3814

Previews

White Background



This preview shows how the XYZ color 57.1517, 61.3128, 66.5799 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 57.1517, 61.3128, 66.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

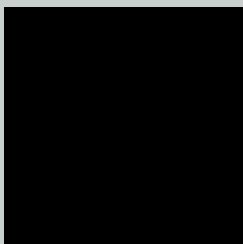
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

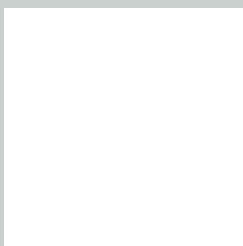
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1517, 61.3128, 66.5799

Background



This preview shows how black text looks on a background with the XYZ color 57.1517, 61.3128, 66.5799.



This preview shows how white text looks on a background with the XYZ color 57.1517, 61.3128,

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

57.1517, 61.3128, 66.5799

Protanopia

58.6669, 61.0528, 65.1922

Deuteranopia

62.4264, 61.1991, 67.5539



Tritanopia

59.5111, 61.5796, 77.1561

Trichromacy



Original Color

57.1517, 61.3128, 66.5799

Protanomaly

58.1840, 61.1441, 65.8621

Deuteranomaly

60.2854, 61.1444, 67.0172

Tritanomaly

58.6942, 61.6055, 73.0875

Monochromacy



Original Color

57.1517, 61.3128, 66.5799

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7194, 61.2469, 66.5373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1517, 61.3128, 66.5799 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(200, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 205)  
}
```

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(200, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.1517, 61.3128, 66.5799 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(200, 207, 205) }
```


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

```
.border{ border-color:rgb(200, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(200, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1517, 61.3128, 66.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 205) }
```

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

```
.background{ background-color: rgb(200,  
207, 205) }
```

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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