

Converting Colors

XYZ(57.3935, 62.2388, 66.8756)

Have a look what the booklet for
XYZ(57.3935, 62.2388, 66.8756)
contains.

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Color

**XYZ(57.3731, 62.1508,
66.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D1CD
RGB	199, 209, 205
RGB Percent	78%, 82%, 80%
CMY	0.2196, 0.1804, 0.1961
CMYK	0.05, 0.00, 0.02, 0.18
HSL	156°, 10%, 80%
HSV	156°, 5%, 82%
XYZ	57.3731, 62.1508, 66.7300
YIQ	205.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

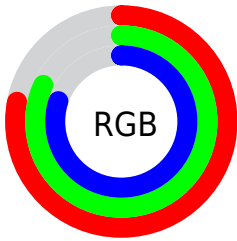
Format	Color
RYB	199, 205, 209
Decimal	13095373
CIELab	82.99, -4.13, 0.80
CIElCh	83, 4.207, 169.103
Yxy	62.1508, 0.3080, 0.3337
Android (android.graphics.Color)	4291285453 (0xFFC7D1CD)
YUV	205.5540, -0.2731, -5.7479
Hunter-Lab	78.8358, -8.0584, 4.9994

Details

The XYZ color **57.3731, 62.1508, 66.7300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4997, 58.7156, 64.8056**, and the grayscale version is **58.3865, 61.4272, 66.8942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9843, 31.6968, 33.8686** is the 20% darker color. If you saturate the color by 10%, you get **51.2214, 59.0948, 61.3123**, and if you desaturate by 10%, it is **64.3439, 65.6263, 72.4704**.

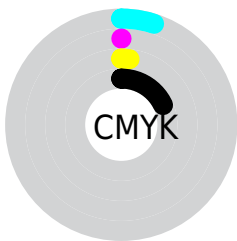
Distribution



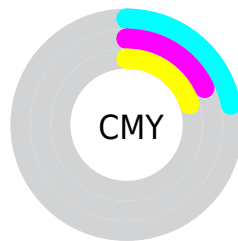
- Red (78%)
- Green (82%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3731, 62.1508, 66.7300 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 57.3731, 62.1508, 66.7300 by changing the saturation by 10% instead.

■ 57.3731, 62.1508,
66.7300

■ 57.3731, 62.1508,
66.7300

404.8375,
432.4809, 467.4584

■ 41.5462, 45.1546,
48.4050

100.1376,
107.9434, 116.1704

■ 28.9357, 31.5792,
33.7855

127.8059,
137.5086, 148.1229

■ 19.1762, 21.0403,
22.4528

160.1520,
172.0323, 185.4550

■ 11.9024, 13.1534,
13.9885

197.5413,
211.8988, 228.5853

■ 6.7490, 7.5343,
7.9740

240.3392,
257.4925, 277.9322

■ 3.3505, 3.7984,
3.9908

288.9109,

■ 1.3417, 1.5615,

309.1978, 333.9143

1.6203

343.6219,
367.3992, 396.9502

■ 0.2141, 0.3314,
0.3052

■ 0.0000, 0.0000,
0.0000

■ 57.3731, 62.1508,
66.7300

■ 57.3731, 62.1508,
66.7300

■ 51.2214, 59.0948,
61.3123

■ 64.3439, 65.6263,
72.4704

■ 45.8520, 56.4342,
56.2074

■ 72.1586, 69.5288,
78.5351

■ 41.2327, 54.1542,
51.4106

■ 78.3379, 72.5818,
84.8136

■ 37.3272, 52.2363,
46.9156

■ 79.5418, 73.0634,
91.1535

■ 34.0960, 50.6602,
42.7159

■ 80.8029, 73.5678,
97.7943

■ 31.4957, 49.4036,
38.8047

■ 82.0916, 74.0833,
104.5805

■ 29.4774, 48.4414,
35.1746

■ 27.9847, 47.7446,
31.8180

■ 26.9489, 47.2780,
28.7264

Harmonies

Analogous

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



57.7614, 62.1508, 64.4478



57.3731, 62.1508, 66.7300



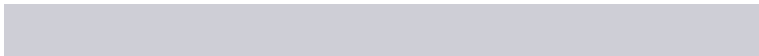
57.4366, 62.1508, 69.3227

Triad

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



57.3731, 62.1508, 66.7300



59.6462, 62.1508, 72.5116



60.2239, 62.1508, 63.9588

Complementary

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



57.3731, 62.1508, 66.7300



57.4997, 58.7156, 64.8056

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.



60.7391, 62.1508, 66.0470



57.3731, 62.1508, 66.7300



60.4032, 62.1508, 71.0013

Square

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



57.3731, 62.1508, 66.7300



58.7428, 62.1508, 72.7059



60.8051, 62.1508, 68.6221



59.4034, 62.1508, 62.8754

Rectangle

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



57.3731, 62.1508, 66.7300



57.7268, 62.1508, 70.8774



60.8051, 62.1508, 68.6221



60.4389, 62.1508, 64.5640

Sweetspot

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



57.3749, 62.1534, 66.7314



93.9542, 99.4540, 107.9933



57.7854, 62.4472, 63.0417



20.1216, 21.2930, 23.1246



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.



57.3749, 62.1534, 66.7314



88.6731, 96.8247, 103.5373



57.6604, 61.9413, 69.2415



12.3399, 13.5177, 14.4309



16.4044, 29.0547, 17.0415



0.9559, 1.6400, 1.1563

Inverse Universe

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



57.4997, 58.7156, 64.8056



88.9192, 90.0466, 99.7407



57.2209, 58.9118, 62.3890



12.3771, 12.4915, 13.8561



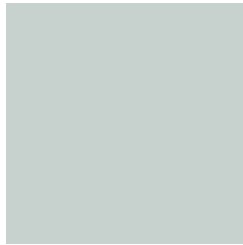
17.2362, 8.7673, 6.1499



1.0025, 0.5057, 0.5480

Previews

White Background



This preview shows how the XYZ color 57.3731, 62.1508, 66.7300 looks on a white background.

Color Contrast Check

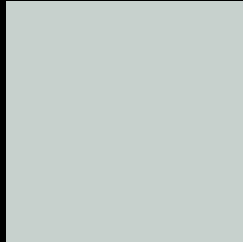
Large Text (above 18pt) WCAG AA × Fail

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 57.3731, 62.1508, 66.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

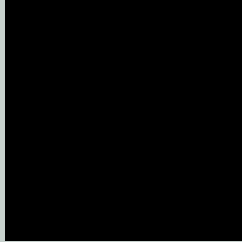
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

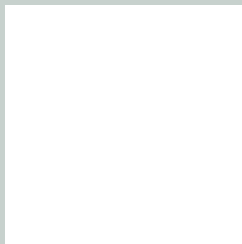
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3731, 62.1508, 66.7300

Background



This preview shows how black text looks on a background with the XYZ color 57.3731, 62.1508, 66.7300.



This preview shows how white text looks on a background with the XYZ color 57.3731, 62.1508,

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

57.3731, 62.1508, 66.7300

Protanopia

59.7148, 62.3033, 65.3783

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

59.7477, 62.0269, 78.6354

Trichromacy



Original Color

57.3731, 62.1508, 66.7300

Protanomaly

58.9440, 62.2507, 66.0356

Deuteranomaly

60.8154, 61.7670, 67.1094

Tritanomaly

58.7949, 62.0010, 73.8343

Monochromacy



Original Color

57.3731, 62.1508, 66.7300

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0820, 61.7784, 67.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3731, 62.1508, 66.7300 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(199, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 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(199, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.3731, 62.1508, 66.7300 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(199, 209, 205) }
```


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

```
.border{ border-color:rgb(199, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3731, 62.1508, 66.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 205) }
```

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

```
.background{ background-color: rgb(199,  
209, 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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