

Converting Colors

XYZ(57.2771, 61.0178, 67.2303)

Have a look what the booklet for
XYZ(57.2771, 61.0178, 67.2303)
contains.

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Color

**XYZ(57.2993, 61.0164,
67.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CECE
RGB	201, 206, 206
RGB Percent	79%, 81%, 81%
CMY	0.2118, 0.1921, 0.1922
CMYK	0.02, 0.00, 0.00, 0.19
HSL	180°, 5%, 80%
HSV	180°, 2%, 81%
XYZ	57.2993, 61.0164, 67.1499
YIQ	204.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

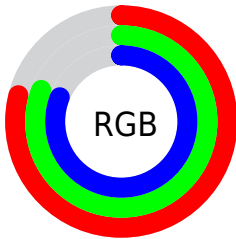
Format	Color
R _Y B	201, 204, 206
Decimal	13225678
CIE Lab	82.39, -1.70, -0.61
CIE LCh	82, 1.805, 199.582
Yxy	61.0164, 0.3089, 0.3290
Android (android.graphics.Color)	4291415758 (0xFFC9CECE)
YUV	204.5050, 0.7370, -3.0739
Hunter-Lab	78.1130, -5.7602, 3.7104

Details

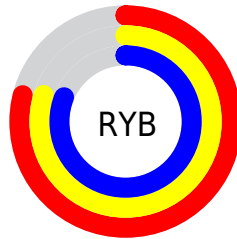
The XYZ color **57.2993, 61.0164, 67.1499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8851, 59.1137, 63.6733**, and the grayscale version is **57.7124, 60.7180, 66.1219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9284, 30.9265, 34.1505** is the 20% darker color. If you saturate the color by 10%, you get **52.1274, 58.3521, 66.9001**, and if you desaturate by 10%, it is **63.2174, 64.0688, 67.4371**.

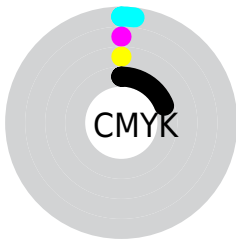
Distribution



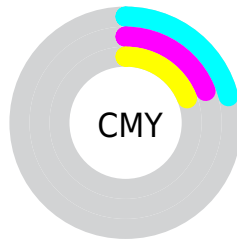
- Red (79%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2993, 61.0164, 67.1499 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 57.2993, 61.0164, 67.1499 by changing the saturation by 10% instead.

■ 57.2993, 61.0164,
67.1499

■ 57.2993, 61.0164,
67.1499

404.5660,
428.3341, 468.9942

■ 41.4867, 44.2384,
48.7441

100.0306,
106.3027, 116.7779

■ 28.8889, 30.8580,
34.0524

127.6800,
135.5798, 148.8371

■ 19.1406, 20.4907,
22.6561

160.0057,
169.7920, 186.2846

■ 11.8766, 12.7523,
14.1369

197.3730,
209.3237, 229.5388

■ 6.7313, 7.2582,
8.0761

240.1474,
254.5594, 279.0183

■ 3.3394, 3.6241,
4.0552

288.6941,

■ 1.3357, 1.4656,

305.8835, 335.1417

1.6557

343.3785,
363.6802, 398.3275

■ 0.2097, 0.2643,
0.3301

■ 0.0000, 0.0000,
0.0000

■ 57.2993, 61.0164,
67.1499

■ 57.2993, 61.0164,
67.1499

■ 52.1274, 58.3521,
66.9001

■ 63.2174, 64.0688,
67.4371

■ 47.6671, 56.0530,
66.6824

■ 69.9042, 67.5158,
67.7591

■ 43.8890, 54.1054,
66.4965

■ 74.4584, 69.8634,
67.9812

■ 40.7592, 52.4922,
66.3411

■ 74.4602, 69.8641,
67.9903

■ 38.2415, 51.1945,
66.2142

■ 74.4619, 69.8648,
67.9994

■ 36.2957, 50.1916,
66.1142

■ 74.4636, 69.8654,
68.0085

■ 34.8770, 49.4604,
66.0388

■ 74.4653, 69.8661,
68.0176

■ 33.9339, 48.9744,
65.9856

■ 74.4671, 69.8668,
68.0267

■ 33.4046, 48.7017,
65.9519

■ 74.4688, 69.8675,
68.0358

Harmonies

Analogous

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



57.2689, 61.0164, 66.0537



57.2993, 61.0164, 67.1499



57.5154, 61.0164, 68.0644

Triad

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



57.2993, 61.0164, 67.1499



58.5599, 61.0164, 67.8211



58.1283, 61.0164, 64.3722

Complementary

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



57.2993, 61.0164, 67.1499



56.8851, 59.1137, 63.6733

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.



58.4757, 61.0164, 64.8347



57.2993, 61.0164, 67.1499



58.7257, 61.0164, 66.8207

Square

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



57.2993, 61.0164, 67.1499



58.2428, 61.0164, 68.4549



58.6948, 61.0164, 65.7281



57.7464, 61.0164, 64.4581

Rectangle

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



57.2993, 61.0164, 67.1499



57.7363, 61.0164, 68.4441



58.6948, 61.0164, 65.7281



58.2530, 61.0164, 64.4685

Sweetspot

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



57.3010, 61.0190, 67.1512



94.1178, 99.5195, 108.8549



56.7255, 60.7914, 64.0034



20.1549, 21.3063, 23.2999



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.



57.3010, 61.0190, 67.1512



92.2905, 98.5775, 108.7664



56.7237, 59.8636, 66.9609



12.1779, 13.0542, 14.4475



20.4404, 29.9215, 40.5995



1.0546, 1.5437, 2.0951

Inverse Universe

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



56.8851, 59.1137, 63.6733



91.4513, 94.7332, 101.7487



57.4530, 60.2501, 63.8605



12.0407, 12.4256, 13.2999



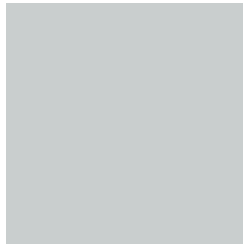
15.6741, 8.0802, 0.7368



0.8087, 0.4169, 0.0386

Previews

White Background



This preview shows how the XYZ color 57.2993, 61.0164, 67.1499 looks on a white background.

Color Contrast Check

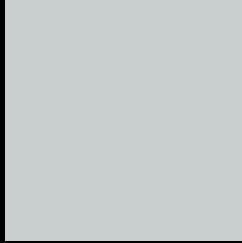
Large Text (above 18pt) WCAG AA × Fail

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 57.2993, 61.0164, 67.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

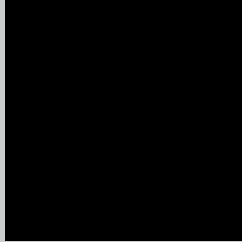
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

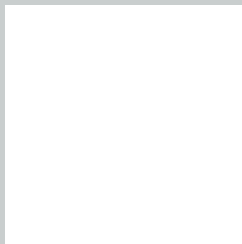
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2993, 61.0164, 67.1499

Background



This preview shows how black text looks on a background with the XYZ color 57.2993, 61.0164, 67.1499.

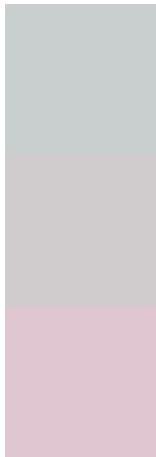


This preview shows how white text looks on a background with the XYZ color 57.2993, 61.0164,

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

57.2993, 61.0164, 67.1499

Protanopia

58.6247, 61.0034, 66.4426

Deuteranopia

62.0107, 60.6302, 68.1090



Tritanopia

59.1397, 61.0495, 76.3769

Trichromacy



Original Color

57.2993, 61.0164, 67.1499

Protanomaly

58.0276, 61.0496, 66.4830

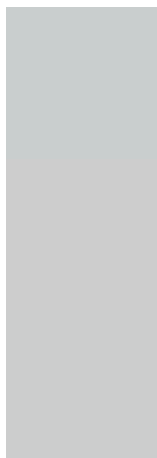
Deuteranomaly

60.1735, 60.7254, 67.5812

Tritanomaly

58.4542, 61.1255, 73.0075

Monochromacy



Original Color

57.2993, 61.0164, 67.1499

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7526, 60.9078, 66.4701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2993, 61.0164, 67.1499 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(201, 206, 206) looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 206)  
}
```

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(201, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.2993, 61.0164, 67.1499 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(201, 206, 206) }
```


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

```
.border{ border-color:rgb(201, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2993, 61.0164, 67.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 206) }
```

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

```
.background{ background-color: rgb(201,  
206, 206) }
```

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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