

Converting Colors

XYZ(58.3257, 61.3122, 75.5042)

Have a look what the booklet for
XYZ(58.3257, 61.3122, 75.5042)
contains.

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Color

**XYZ(58.4107, 61.3992,
75.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CEDB
RGB	199, 206, 219
RGB Percent	78%, 81%, 86%
CMY	0.2196, 0.1921, 0.1412
CMYK	0.09, 0.06, 0.00, 0.14
HSL	219°, 22%, 82%
HSV	219°, 9%, 86%
XYZ	58.4107, 61.3992, 75.7905
YIQ	205.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

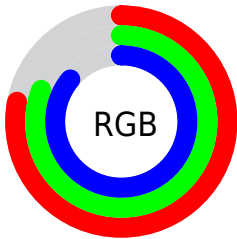
Format	Color
R _Y B	199, 204, 219
Decimal	13094619
CIE Lab	82.59, 0.13, -7.26
CIE LCh	83, 7.261, 271.007
Yxy	61.3992, 0.2986, 0.3139
Android (android.graphics.Color)	4291284699 (0xFFC7CEDB)
YUV	205.3890, 6.7102, -5.6032
Hunter-Lab	78.3576, -4.0653, -2.4972

Details

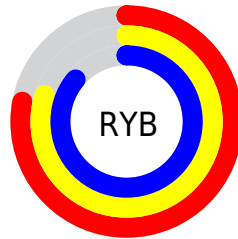
The XYZ color **58.4107, 61.3992, 75.7905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0660, 66.2702, 63.5015**, and the grayscale version is **58.2399, 61.2729, 66.7262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6061, 31.1566, 39.5754** is the 20% darker color. If you saturate the color by 10%, you get **49.7408, 52.0732, 74.4483**, and if you desaturate by 10%, it is **68.2307, 71.7820, 77.2780**.

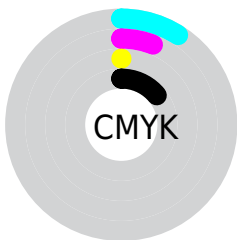
Distribution



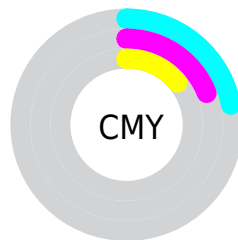
- Red (78%)
- Green (81%)
- Blue (86%)



- Red (78%)
- Yellow (80%)
- Blue (86%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4107, 61.3992, 75.7905 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 58.4107, 61.3992, 75.7905 by changing the saturation by 10% instead.

■ 58.4107, 61.3992,
75.7905

■ 58.4107, 61.3992,
75.7905

408.6438,
429.7362, 499.9580

■ 42.3835, 44.5474,
55.7551

101.6402,
106.8567, 129.1881

■ 29.5941, 31.1011,
39.6039

129.5732,
136.2313, 163.3874

■ 19.6772, 20.6758,
26.9184

162.2055,
170.5489, 203.1450

■ 12.2675, 12.8873,
17.2801

199.9024,
210.1939, 248.8796

■ 6.9996, 7.3510,
10.2703

243.0294,
255.5507, 301.0097

■ 3.5082, 3.6825,
5.4706

291.9517,

■ 1.4279, 1.4976,

307.0038, 359.9537

2.4624

347.0347,
364.9375, 426.1303

■ 0.2759, 0.2870,
0.8201

■ 0.0000, 0.0000,
0.0000

■ 58.4107, 61.3992,
75.7905

■ 58.4107, 61.3992,
75.7905

■ 49.7408, 52.0732,
74.4483

■ 68.2307, 71.7820,
77.2780

■ 42.1719, 43.7615,
73.2429

■ 79.2366, 83.2468,
78.9108

■ 35.6590, 36.4299,
72.1710

■ 87.8095, 93.9408,
80.5231

■ 30.1522, 30.0395,
71.2278

■ 89.7864, 97.8945,
81.1821

■ 25.5969, 24.5481,
70.4079

■ 21.9330, 19.9101,
69.7058

■ 19.0931, 16.0753,
69.1153

■ 16.9985, 12.9865,
68.6295

■ 15.5287, 10.5639,
68.2394

Harmonies

Analogous

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



56.9201, 61.3992, 74.6306



58.4107, 61.3992, 75.7905



59.9128, 61.3992, 74.4686

Triad

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



58.4107, 61.3992, 75.7905



60.9599, 61.3992, 62.5362



55.7804, 61.3992, 62.7860

Complementary

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



58.4107, 61.3992, 75.7905



63.0660, 66.2702, 63.5015

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.



56.8306, 61.3992, 59.7757



58.4107, 61.3992, 75.7905



59.8201, 61.3992, 59.6360

Square

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



58.4107, 61.3992, 75.7905



61.4005, 61.3992, 66.7028



58.3055, 61.3992, 58.6478



55.4179, 61.3992, 67.0040

Rectangle

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



58.4107, 61.3992, 75.7905



60.7142, 61.3992, 72.3903



58.3055, 61.3992, 58.6478



56.0638, 61.3992, 61.6061

Sweetspot

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



58.4125, 61.4018, 75.7919



90.7258, 95.4469, 108.2491



60.7274, 67.5429, 71.9046



19.1772, 20.1741, 23.1332



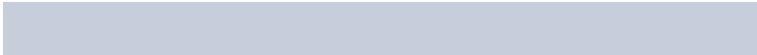
0.0000, 0.0000, 0.0000



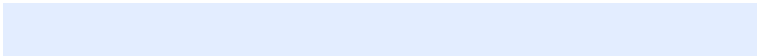
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4125, 61.4018, 75.7919



79.9309, 83.9790, 106.6045



57.4778, 58.4726, 75.2757



12.7098, 13.3593, 16.5609



9.2352, 6.3398, 40.4754



0.6775, 0.5692, 2.6486

Inverse Universe

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



60.7788, 60.3645, 66.8436



83.9481, 82.2719, 91.4014



64.0588, 69.4374, 64.0605



13.2434, 13.1264, 14.5428



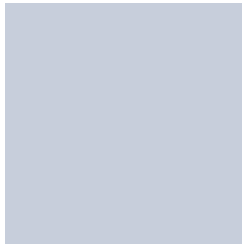
18.1568, 9.2638, 5.2059



1.2163, 0.6161, 0.5478

Previews

White Background



This preview shows how the XYZ color 58.4107, 61.3992, 75.7905 looks on a white background.

Color Contrast Check

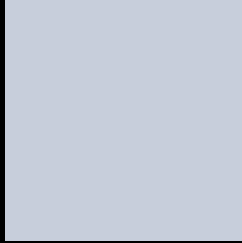
Large Text (above 18pt) WCAG AA × Fail

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 58.4107, 61.3992, 75.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

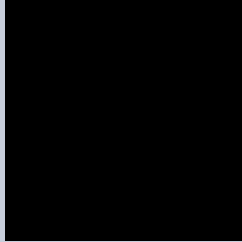
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

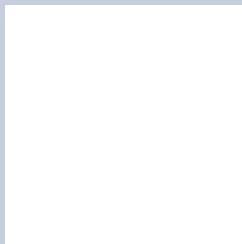
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4107, 61.3992, 75.7905

Background



This preview shows how black text looks on a background with the XYZ color 58.4107, 61.3992, 75.7905.



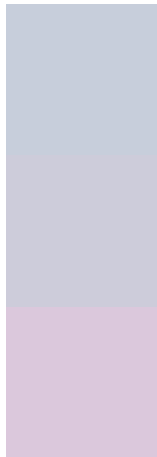
This preview shows how white text looks on a background with the XYZ color 58.4107, 61.3992,

75.7905.

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

58.4107, 61.3992, 75.7905

Protanopia

59.4246, 61.2268, 75.0156

Deuteranopia

62.7860, 61.5359, 76.2786



Tritanopia

58.8093, 61.5587, 77.8897

Trichromacy



Original Color

58.4107, 61.3992, 75.7905

Protanomaly

59.1148, 61.4211, 75.0694

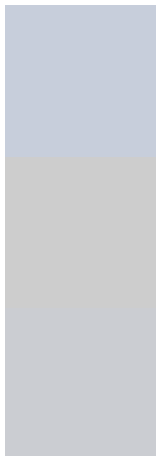
Deuteranomaly

61.1902, 61.4054, 76.3375

Tritanomaly

58.6756, 61.5052, 77.1858

Monochromacy



Original Color

58.4107, 61.3992, 75.7905

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0928, 61.0123, 69.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4107, 61.3992, 75.7905 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, 206, 219) looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 219)  
}
```

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, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.4107, 61.3992, 75.7905 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, 206, 219) }
```


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

```
.border{ border-color:rgb(199, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4107, 61.3992, 75.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 219) }
```

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

```
.background{ background-color: rgb(199,  
206, 219) }
```

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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