

Converting Colors

XYZ(57.2139, 59.7882, 73.4913)

Have a look what the booklet for
XYZ(57.2139, 59.7882, 73.4913)
contains.

XYZ(57.3038, 59.8119, 73.4904)	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(57.3038, 59.8119,
73.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CBD8
RGB	199, 203, 216
RGB Percent	78%, 80%, 85%
CMY	0.2196, 0.2039, 0.1529
CMYK	0.08, 0.06, 0.00, 0.15
HSL	226°, 18%, 81%
HSV	226°, 8%, 85%
XYZ	57.3038, 59.8119, 73.4904
YIQ	203.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

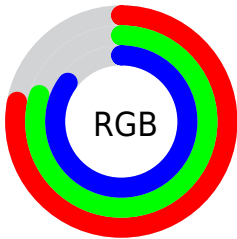
Format	Color
R_{YB}	199, 202, 216
Decimal	13093848
CIE Lab	81.74, 1.12, -6.93
CIE LCh	82, 7.016, 279.180
Yxy	59.8119, 0.3006, 0.3138
Android (android.graphics.Color)	4291283928 (0xFFC7CBD8)
YUV	203.2860, 6.2680, -3.7588
Hunter-Lab	77.3382, -3.0820, -2.2035

Details

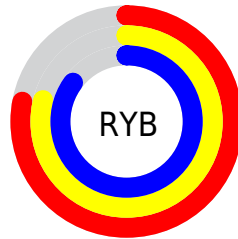
The XYZ color **57.3038, 59.8119, 73.4904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1714, 65.8088, 63.4594**, and the grayscale version is **56.9107, 59.8745, 65.2033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8575, 30.0878, 38.0048** is the 20% darker color. If you saturate the color by 10%, you get **48.2805, 49.6774, 72.0108**, and if you desaturate by 10%, it is **67.5595, 71.2016, 75.1492**.

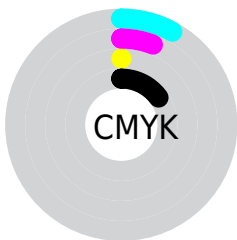
Distribution



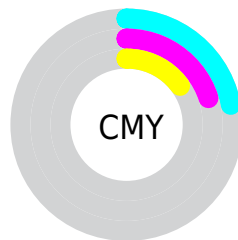
- Red (78%)
- Green (80%)
- Blue (85%)



- Red (78%)
- Yellow (79%)
- Blue (85%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3038, 59.8119, 73.4904 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 57.3038, 59.8119, 73.4904 by changing the saturation by 10% instead.

■ 57.3038, 59.8119,
73.4904

■ 57.3038, 59.8119,
73.4904

404.5825,
423.9041, 491.8290

■ 41.4903, 43.2670,
53.8828

100.0371,
104.5568, 125.9005

■ 28.8917, 30.0947,
38.1154

127.6877,
133.5255, 159.5401

■ 19.1428, 19.9105,
25.7698

160.0146,
167.4044, 198.6941

■ 11.8781, 12.3300,
16.4273

197.3833,
206.5778, 243.7810

■ 6.7324, 6.9688,
9.6694

240.1590,
251.4301, 295.2194

■ 3.3401, 3.4426,
5.0776

288.7073,

■ 1.3361, 1.3669,

302.3456, 353.4279

2.2333

343.3933,
359.7088, 418.8249

■ 0.2100, 0.1922,
0.6935

■ 0.0000, 0.0000,
0.0000

■ 57.3038, 59.8119,
73.4904

■ 57.3038, 59.8119,
73.4904

■ 48.2805, 49.6774,
72.0108

■ 67.5595, 71.2016,
75.1492

■ 40.4373, 40.7471,
70.7004

■ 79.0868, 83.8803,
76.9889

■ 33.7258, 32.9775,
69.5545

■ 88.6169, 96.1820,
78.8611

■ 28.0923, 26.3194,
68.5662

■ 89.3949, 97.7379,
79.1204

■ 23.4784, 20.7203,
67.7287

■ 19.8202, 16.1230,
67.0341

■ 17.0458, 12.4644,
66.4742

■ 15.0726, 9.6734,
66.0395

■ 13.7895, 7.6617,
65.7188

Harmonies

Analogous

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



55.8458, 59.8119, 73.0286



57.3038, 59.8119, 73.4904



58.6629, 59.8119, 71.6366

Triad

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



57.3038, 59.8119, 73.4904



59.0798, 59.8119, 60.1196



54.2355, 59.8119, 62.2762

Complementary

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



57.3038, 59.8119, 73.4904



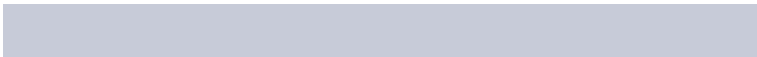
62.1714, 65.8088, 63.4594

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.



55.0737, 59.8119, 59.0204



57.3038, 59.8119, 73.4904



57.8650, 59.8119, 57.8133

Square

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



57.3038, 59.8119, 73.4904



59.6999, 59.8119, 63.8357



56.3974, 59.8119, 57.4198



54.0912, 59.8119, 66.4315

Rectangle

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



57.3038, 59.8119, 73.4904



59.3239, 59.8119, 69.3824



56.3974, 59.8119, 57.4198



54.4448, 59.8119, 61.0454

Sweetspot

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



57.3055, 59.8144, 73.4917



91.9672, 96.5830, 108.4029



59.9622, 65.9957, 71.7012



19.7171, 20.7086, 23.2079



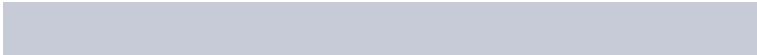
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.3055, 59.8144, 73.4917



81.7609, 85.2160, 106.7468



57.5158, 58.5374, 73.2341



11.9776, 12.4787, 15.7149



8.1030, 4.4679, 38.8885



0.5533, 0.3986, 2.3671

Inverse Universe

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



59.5232, 59.7588, 64.9003



85.4632, 85.1424, 92.3990



61.9450, 67.1962, 63.7391



12.5419, 12.4683, 13.5279



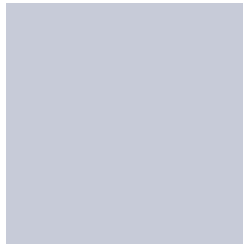
17.1489, 8.7959, 2.8222



1.0669, 0.5436, 0.3418

Previews

White Background



This preview shows how the XYZ color 57.3038, 59.8119, 73.4904 looks on a white background.

Color Contrast Check

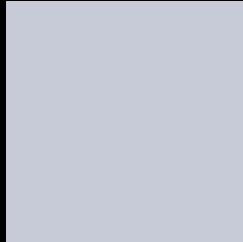
Large Text (above 18pt) WCAG AA × Fail

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 57.3038, 59.8119, 73.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

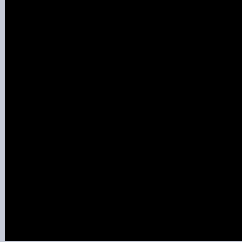
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

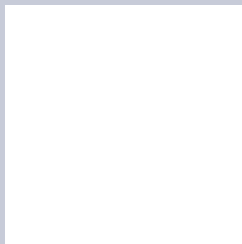
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3038, 59.8119, 73.4904

Background



This preview shows how black text looks on a background with the XYZ color 57.3038, 59.8119, 73.4904.

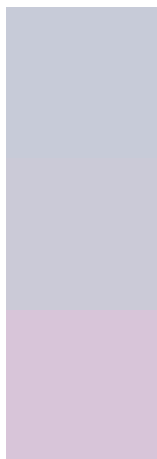


This preview shows how white text looks on a background with the XYZ color 57.3038, 59.8119,

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

57.3038, 59.8119, 73.4904

Protanopia

58.0149, 59.8439, 72.7833

Deuteranopia

60.8095, 59.5412, 73.9332



Tritanopia

57.6953, 59.9685, 75.5520

Trichromacy



Original Color

57.3038, 59.8119, 73.4904

Protanomaly

57.7434, 59.7039, 72.7706

Deuteranomaly

59.5262, 59.5582, 74.0042

Tritanomaly

57.5640, 59.9159, 74.8607

Monochromacy



Original Color

57.3038, 59.8119, 73.4904

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0982, 59.8225, 68.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3038, 59.8119, 73.4904 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, 203, 216) looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 216)  
}
```

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, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.3038, 59.8119, 73.4904 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, 203, 216) }
```


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

```
.border{ border-color:rgb(199, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3038, 59.8119, 73.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 216) }
```

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

```
.background{ background-color: rgb(199,  
203, 216) }
```

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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