

Converting Colors

XYZ(58.8852, 64.1028, 73.0218)

Have a look what the booklet for
XYZ(58.8852, 64.1028, 73.0218)
contains.

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Color

**XYZ(58.9578, 64.3139,
72.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D5D6
RGB	197, 213, 214
RGB Percent	77%, 84%, 84%
CMY	0.2274, 0.1647, 0.1608
CMYK	0.08, 0.00, 0.00, 0.16
HSL	184°, 17%, 81%
HSV	184°, 8%, 84%
XYZ	58.9578, 64.3139, 72.9247
YIQ	208.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

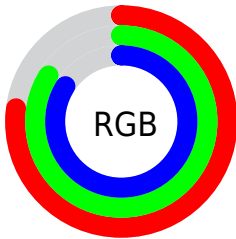
Format	Color
RYB	197, 205, 214
Decimal	12965334
CIELab	84.13, -5.17, -2.35
CIELCh	84, 5.679, 204.436
Yxy	64.3139, 0.3005, 0.3278
Android (android.graphics.Color)	4291155414 (0xFFC5D5D6)
YUV	208.3300, 2.7953, -9.9364
Hunter-Lab	80.1959, -9.1147, 2.2229

Details

The XYZ color **58.9578, 64.3139, 72.9247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0039, 58.7150, 61.1003**, and the grayscale version is **60.1569, 63.2897, 68.9225**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.8126, 32.7966, 37.5600** is the 20% darker color. If you saturate the color by 10%, you get **53.4334, 61.0011, 72.5774**, and if you desaturate by 10%, it is **65.2838, 68.0471, 73.3129**.

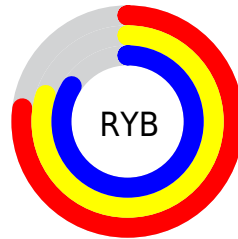
Distribution



Red (77%)

Green (84%)

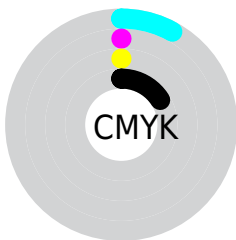
Blue (84%)



Red (77%)

Yellow (80%)

Blue (84%)

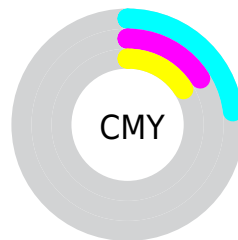


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9578, 64.3139, 72.9247 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 58.9578, 64.3139, 72.9247 by changing the saturation by 10% instead.

■ 58.9578, 64.3139,
72.9247

■ 58.9578, 64.3139,
72.9247

410.6421,
440.3223, 489.8176

■ 42.8254, 46.9050,
53.4229

102.4313,
111.0629, 125.0902

■ 29.9421, 32.9605,
37.7505

130.5031,
141.1717, 158.5911

■ 19.9425, 22.0962,
25.4888

163.2854,
176.2826, 197.5954

■ 12.4613, 13.9276,
16.2192

201.1436,
216.7800, 242.5217

■ 7.1331, 8.0703,
9.5234

244.4430,
263.0483, 293.7885

■ 3.5925, 4.1400,
4.9827

293.5490,

■ 1.4743, 1.7522,

315.4718, 351.8144

2.1785

348.8269,
374.4350, 417.0179

■ 0.3082, 0.4571,
0.6619

■ 0.0000, 0.0000,
0.0000

■ 58.9578, 64.3139,
72.9247

■ 58.9578, 64.3139,
72.9247

■ 53.4334, 61.0011,
72.5774

■ 65.2838, 68.0471,
73.3129

■ 48.6718, 58.0834,
72.2652

■ 72.4372, 72.2087,
73.7391

■ 44.6390, 55.5450,
71.9878

■ 78.1310, 75.6215,
74.0977

■ 41.2966, 53.3661,
71.7434

■ 78.4551, 76.2697,
74.2058

■ 38.6024, 51.5250,
71.5300

■ 78.7817, 76.9229,
74.3146

■ 36.5097, 49.9975,
71.3455

■ 79.1108, 77.5811,
74.4243

■ 34.9654, 48.7563,
71.1873

■ 79.4423, 78.2441,
74.5349

■ 33.9074, 47.7694,
71.0526

■ 79.7763, 78.9122,
74.6462

■ 33.2465, 46.9908,
70.9371

■ 80.1128, 79.5852,
74.7584

Harmonies

Analogous

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



58.7581, 64.3139, 69.3590



58.9578, 64.3139, 72.9247



59.7357, 64.3139, 75.8002

Triad

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



58.9578, 64.3139, 72.9247



63.1124, 64.3139, 74.1236



61.3627, 64.3139, 63.3716

Complementary

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



58.9578, 64.3139, 72.9247



58.0039, 58.7150, 61.1003

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.



62.5426, 64.3139, 64.5545



58.9578, 64.3139, 72.9247



63.5616, 64.3139, 70.6991

Square

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



58.9578, 64.3139, 72.9247



62.1321, 64.3139, 76.5088



63.3517, 64.3139, 67.2069



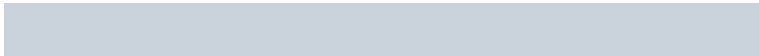
60.1357, 64.3139, 63.9218

Rectangle

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



58.9578, 64.3139, 72.9247



60.4833, 64.3139, 76.8973



63.3517, 64.3139, 67.2069



61.7782, 64.3139, 63.5784

Sweetspot

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



58.9596, 64.3166, 72.9261



93.1032, 98.8549, 108.7816



57.2492, 64.0348, 62.6790



19.9483, 21.1710, 23.2850



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.



58.9596, 64.3166, 72.9261



85.8079, 94.5304, 108.3314



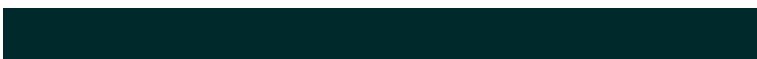
56.9122, 60.2218, 72.2436



12.7269, 13.9773, 15.9646



20.0524, 28.3666, 42.8716



1.2288, 1.7497, 2.5923

Inverse Universe

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



59.7095, 59.0339, 71.2017



87.2081, 84.6998, 105.1034



59.9662, 62.6397, 61.7544



12.9201, 12.6195, 15.5196



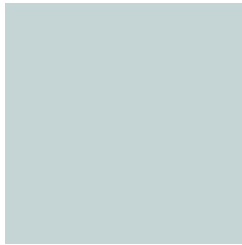
23.1804, 11.2085, 34.5836



1.4079, 0.6800, 2.1374

Previews

White Background



This preview shows how the XYZ color 58.9578, 64.3139, 72.9247 looks on a white background.

Color Contrast Check

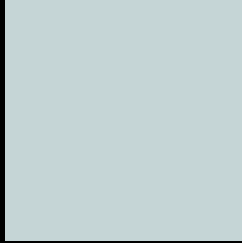
Large Text (above 18pt) WCAG AA × Fail

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 58.9578, 64.3139, 72.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

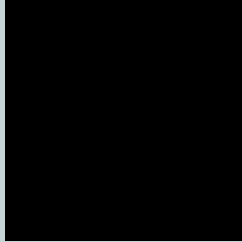
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

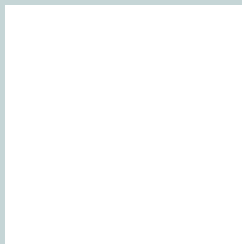
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9578, 64.3139, 72.9247

Background



This preview shows how black text looks on a background with the XYZ color 58.9578, 64.3139, 72.9247.

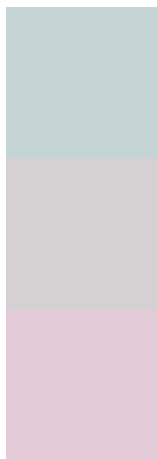


This preview shows how white text looks on a background with the XYZ color 58.9578, 64.3139,

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

58.9578, 64.3139, 72.9247

Protanopia

61.9989, 64.4502, 70.8005

Deuteranopia

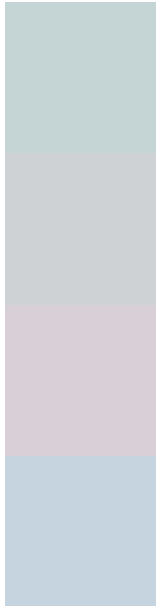
65.4292, 64.0006, 73.8706



Tritanopia

60.8510, 64.3321, 82.6089

Trichromacy



Original Color

58.9578, 64.3139, 72.9247

Protanomaly

60.6624, 64.1121, 71.4650

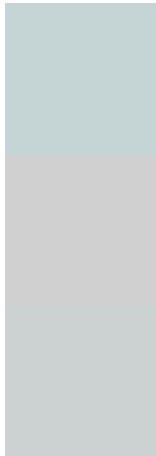
Deuteranomaly

62.8975, 64.1309, 73.3534

Tritanomaly

60.1515, 64.4204, 79.0761

Monochromacy



Original Color

58.9578, 64.3139, 72.9247

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5813, 63.5837, 70.1054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9578, 64.3139, 72.9247 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(197, 213, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 213, 214)  
}
```

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(197, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.9578, 64.3139, 72.9247 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(197, 213, 214) }
```


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

```
.border{ border-color:rgb(197, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 213,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9578, 64.3139, 72.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 213, 214) }
```

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

```
.background{ background-color: rgb(197,  
213, 214) }
```

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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