

Converting Colors

XYZ(58.0748, 63.6746, 72.7422)

Have a look what the booklet for
XYZ(58.0748, 63.6746, 72.7422)
contains.

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Color

**XYZ(58.1800, 63.9129,
72.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5D6
RGB	194, 213, 214
RGB Percent	76%, 84%, 84%
CMY	0.2392, 0.1647, 0.1608
CMYK	0.09, 0.00, 0.00, 0.16
HSL	183°, 20%, 80%
HSV	183°, 9%, 84%
XYZ	58.1800, 63.9129, 72.8883
YIQ	207.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

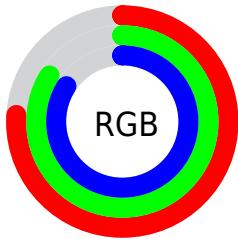
Format	Color
RYB	194, 204, 214
Decimal	12768726
CIELab	83.92, -6.15, -2.68
CIELCh	84, 6.713, 203.527
Yxy	63.9129, 0.2984, 0.3278
Android (android.graphics.Color)	4290958806 (0xFFC2D5D6)
YUV	207.4330, 3.2375, -11.7807
Hunter-Lab	79.9455, -10.0022, 1.9057

Details

The XYZ color **58.1800, 63.9129, 72.8883** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9846, 57.2210, 59.0814**, and the grayscale version is **59.5741, 62.6766, 68.2548**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.3001, 32.5324, 37.5360** is the 20% darker color. If you saturate the color by 10%, you get **52.8115, 60.7501, 72.5618**, and if you desaturate by 10%, it is **64.3449, 67.4923, 73.2553**.

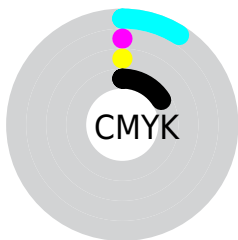
Distribution



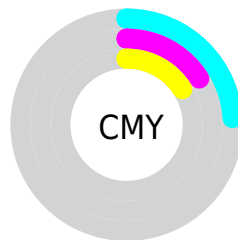
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1800, 63.9129, 72.8883 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 58.1800, 63.9129, 72.8883 by changing the saturation by 10% instead.

■ 58.1800, 63.9129,
72.8883

■ 58.1800, 63.9129,
72.8883

407.7994,
438.8750, 489.6880

■ 42.1972, 46.5801,
53.3934

■ 101.3064,
110.4855, 125.0381

■ 29.4475, 32.7039,
37.7270

129.1807,
140.4941, 158.5300

■ 19.5656, 21.8997,
25.4707

161.7495,
175.4968, 197.5246

■ 12.1861, 13.7832,
16.2059

199.3783,
215.8779, 242.4406

■ 6.9436, 7.9700,
9.5140

242.4323,
262.0219, 293.6964

■ 3.4729, 4.0758,
4.9766

291.2769,

■ 1.4085, 1.7160,

314.3132, 351.7105

2.1750

346.2775,
373.1361, 416.9015

■ 0.2623, 0.4340,
0.6599

■ 0.0000, 0.0000,
0.0000

■ 58.1800, 63.9129,
72.8883

■ 58.1800, 63.9129,
72.8883

■ 52.8115, 60.7501,
72.5618

■ 64.3449, 67.4923,
73.2553

■ 48.2002, 57.9786,
72.2699

■ 71.3323, 71.4966,
73.6599

■ 44.3118, 55.5824,
72.0123

■ 77.9860, 75.3315,
74.0494

■ 41.1075, 53.5414,
71.7872

■ 78.2604, 75.8804,
74.1409

■ 38.5445, 51.8336,
71.5927

■ 78.5367, 76.4329,
74.2330

■ 36.5752, 50.4345,
71.4264

■ 78.8147, 76.9890,
74.3257

■ 35.1457, 49.3163,
71.2859

■ 79.0945, 77.5486,
74.4189

■ 34.1921, 48.4459,
71.1682

■ 79.3761, 78.1118,
74.5128

■ 33.6074, 47.7683,
71.0682

■ 79.6595, 78.6785,
74.6073

Harmonies

Analogous

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



57.9684, 63.9129, 68.6772



58.1800, 63.9129, 72.8883



59.0744, 63.9129, 76.3389

Triad

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



58.1800, 63.9129, 72.8883



63.0601, 63.9129, 74.5389



61.0681, 63.9129, 61.8162

Complementary

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



58.1800, 63.9129, 72.8883



56.9846, 57.2210, 59.0814

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.



62.4515, 63.9129, 63.2516



58.1800, 63.9129, 72.8883



63.6136, 63.9129, 70.5114

Square

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



58.1800, 63.9129, 72.8883



61.8882, 63.9129, 77.3185



63.3890, 63.9129, 66.3933



59.6205, 63.9129, 62.3950

Rectangle

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



58.1800, 63.9129, 72.8883



59.9454, 63.9129, 77.6863



63.3890, 63.9129, 66.3933



61.5563, 63.9129, 62.0772

Sweetspot

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



58.1818, 63.9156, 72.8897



92.1698, 98.3349, 108.7304



56.1084, 63.4886, 60.7307



19.5674, 20.9545, 23.2633



0.0000, 0.0000, 0.0000



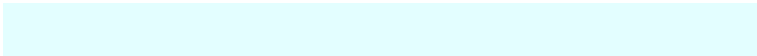
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1818, 63.9156, 72.8897



85.0285, 94.1741, 108.3037



55.8215, 59.1950, 72.1029



12.7367, 13.9968, 15.9679



20.3160, 28.8937, 42.9594



1.2420, 1.7760, 2.5967

Inverse Universe

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



59.0350, 57.6851, 70.9768



86.5211, 83.3011, 104.9508



59.2218, 61.6956, 59.8271



12.9251, 12.6215, 15.5456



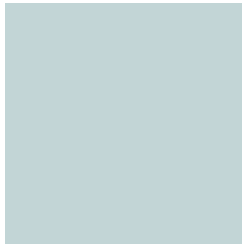
23.3134, 11.2617, 35.2841



1.4146, 0.6826, 2.1724

Previews

White Background



This preview shows how the XYZ color 58.1800, 63.9129, 72.8883 looks on a white background.

Color Contrast Check

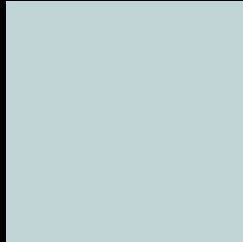
Large Text (above 18pt) WCAG AA × Fail

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 58.1800, 63.9129, 72.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

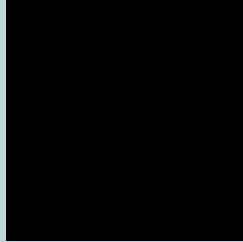
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1800, 63.9129, 72.8883

Background



This preview shows how black text looks on a background with the XYZ color 58.1800, 63.9129, 72.8883.

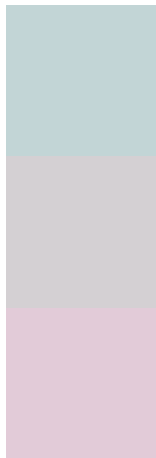


This preview shows how white text looks on a background with the XYZ color 58.1800, 63.9129,

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

58.1800, 63.9129, 72.8883

Protanopia

61.4651, 63.8119, 70.7054

Deuteranopia

65.1146, 63.8385, 73.8559



Tritanopia

60.0628, 63.9257, 82.5720

Trichromacy



Original Color

58.1800, 63.9129, 72.8883

Protanomaly

60.1071, 63.8258, 71.4390

Deuteranomaly

62.3101, 63.8281, 73.3259

Tritanomaly

59.3684, 64.0168, 79.0395

Monochromacy



Original Color

58.1800, 63.9129, 72.8883

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7904, 62.8106, 69.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1800, 63.9129, 72.8883 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(194, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.1800, 63.9129, 72.8883 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(194, 213, 214) }
```


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

```
.border{ border-color:rgb(194, 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(194, 213, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1800, 63.9129, 72.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 214) }
```

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

```
.background{ background-color: rgb(194,  
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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