

Converting Colors

XYZ(58.0655, 62.0109, 71.6612)

Have a look what the booklet for
XYZ(58.0655, 62.0109, 71.6612)
contains.

XYZ(58.1193, 62.0580, 71.8660)	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(58.1193, 62.0580,
71.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D0D5
RGB	199, 208, 213
RGB Percent	78%, 82%, 84%
CMY	0.2196, 0.1843, 0.1647
CMYK	0.07, 0.02, 0.00, 0.16
HSL	201°, 14%, 81%
HSV	201°, 7%, 84%
XYZ	58.1193, 62.0580, 71.8660
YIQ	205.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

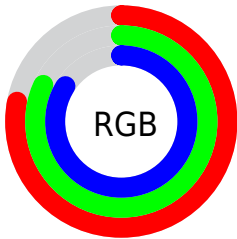
Format	Color
R _Y B	199, 204, 213
Decimal	13095125
CIE Lab	82.94, -2.09, -3.54
CIE LCh	83, 4.114, 239.389
Yxy	62.0580, 0.3026, 0.3231
Android (android.graphics.Color)	4291285205 (0xFFC7D0D5)
YUV	205.8790, 3.5107, -6.0329
Hunter-Lab	78.7769, -6.1675, 1.0552

Details

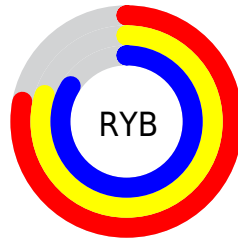
The XYZ color **58.1193, 62.0580, 71.8660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3424, 61.4548, 62.7680**, and the grayscale version is **58.5718, 61.6221, 67.1064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4042, 31.5996, 36.8973** is the 20% darker color. If you saturate the color by 10%, you get **51.0498, 55.7293, 71.0180**, and if you desaturate by 10%, it is **66.0723, 68.9775, 72.7834**.

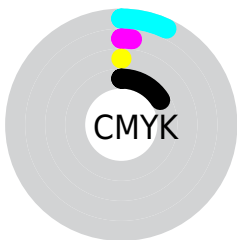
Distribution



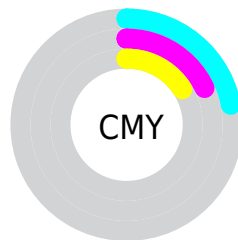
- Red (78%)
- Green (82%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1193, 62.0580, 71.8660 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 58.1193, 62.0580, 71.8660 by changing the saturation by 10% instead.

■ 58.1193, 62.0580,
71.8660

■ 58.1193, 62.0580,
71.8660

407.5770,
432.1426, 486.0401

■ 42.1482, 45.0796,
52.5631

101.2185,
107.8094, 123.5719

■ 29.4090, 31.5201,
37.0687

129.0774,
137.3511, 156.8120

■ 19.5363, 20.9952,
24.9645

161.6295,
171.8493, 195.5349

■ 12.1647, 13.1205,
15.8318

199.2403,
211.6885, 240.1591

■ 6.9289, 7.5116,
9.2522

242.2751,
257.2531, 291.1032

■ 3.4636, 3.7840,
4.8070

291.0992,

■ 1.4034, 1.5535,

308.9273, 348.7857

2.0777

346.0781,
367.0957, 413.6251

■ 0.2587, 0.3259,
0.6025

■ 0.0000, 0.0000,
0.0000

■ 58.1193, 62.0580,
71.8660

■ 58.1193, 62.0580,
71.8660

■ 51.0498, 55.7293,
71.0180

■ 66.0723, 68.9775,
72.7834

■ 44.8245, 49.9641,
70.2333

■ 74.9354, 76.4981,
73.7679

■ 39.4089, 44.7446,
69.5113

■ 81.7735, 83.1103,
74.6837

■ 34.7643, 40.0488,
68.8497

■ 83.9454, 87.4540,
75.4077

■ 30.8480, 35.8528,
68.2462

■ 86.2108, 91.9849,
76.1628

■ 27.6133, 32.1306,
67.6982

■ 88.5708, 96.7050,
76.9495

■ 25.0074, 28.8528,
67.2029

■ 89.0104, 97.5842,
77.0961

■ 22.9690, 25.9857,
66.7569

■ 21.4196, 23.4868,
66.3563

Harmonies

Analogous

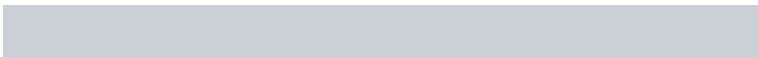
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.5094, 62.0580, 69.9982



58.1193, 62.0580, 71.8660



58.9661, 62.0580, 72.5779

Triad

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



58.1193, 62.0580, 71.8660



60.7077, 62.0580, 67.6228



58.1505, 62.0580, 63.3999

Complementary

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



58.1193, 62.0580, 71.8660



59.3424, 61.4548, 62.7680

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.



59.0025, 62.0580, 62.7991



58.1193, 62.0580, 71.8660



60.4841, 62.0580, 65.1998

Square

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



58.1193, 62.0580, 71.8660



60.4656, 62.0580, 70.0907



59.8578, 62.0580, 63.4499



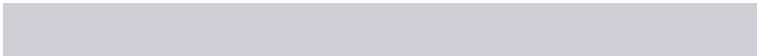
57.5273, 62.0580, 65.1116

Rectangle

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



58.1193, 62.0580, 71.8660



59.5528, 62.0580, 72.2878



59.8578, 62.0580, 63.4499



58.4194, 62.0580, 63.0632

Sweetspot

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



58.1211, 62.0606, 71.8674



92.6206, 97.8897, 108.6207



58.2355, 64.0865, 66.3654



19.8501, 20.9746, 23.2522



0.0000, 0.0000, 0.0000



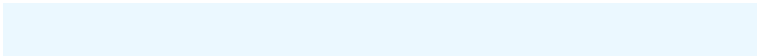
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1211, 62.0606, 71.8674



85.6602, 91.7764, 107.8076



56.4743, 58.7671, 71.3185



12.4020, 13.3275, 15.8563



12.8987, 14.0591, 40.4870



0.8549, 1.0017, 2.4676

Inverse Universe

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



59.2505, 59.5482, 68.0488



87.7337, 87.2078, 100.7874



61.0198, 64.8095, 63.3272



12.7561, 12.5539, 14.6560



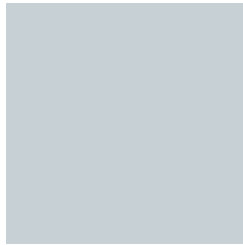
19.5695, 9.7641, 15.5690



1.2191, 0.6044, 1.1434

Previews

White Background



This preview shows how the XYZ color 58.1193, 62.0580, 71.8660 looks on a white background.

Color Contrast Check

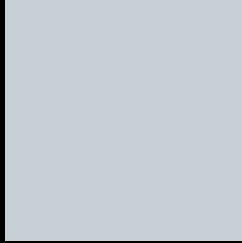
Large Text (above 18pt) WCAG AA × Fail

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 58.1193, 62.0580, 71.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

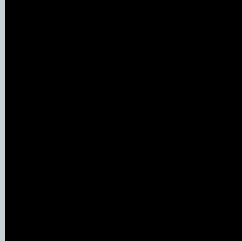
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

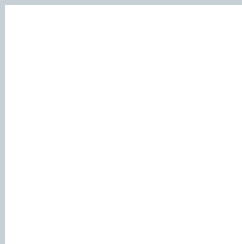
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1193, 62.0580, 71.8660

Background



This preview shows how black text looks on a background with the XYZ color 58.1193, 62.0580, 71.8660.



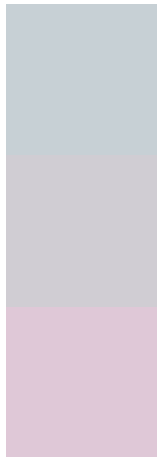
This preview shows how white text looks on a background with the XYZ color 58.1193, 62.0580,

71.8660.

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

58.1193, 62.0580, 71.8660

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

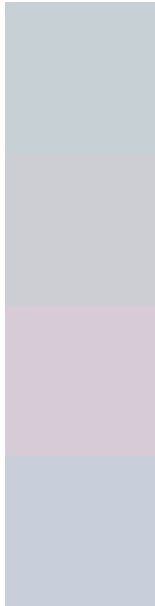
63.3514, 61.9028, 72.8994



Tritanopia

59.4780, 61.8878, 78.6228

Trichromacy



Original Color

58.1193, 62.0580, 71.8660

Protanomaly

59.1318, 61.8752, 71.1139

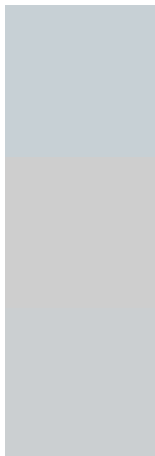
Deuteranomaly

61.2251, 61.8631, 72.3322

Tritanomaly

58.9184, 62.0195, 75.8835

Monochromacy



Original Color

58.1193, 62.0580, 71.8660

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4500, 61.9256, 69.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1193, 62.0580, 71.8660 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, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 213)  
}
```

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, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.1193, 62.0580, 71.8660 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, 208, 213) }
```


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

```
.border{ border-color:rgb(199, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1193, 62.0580, 71.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 213) }
```

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

```
.background{ background-color: rgb(199,  
208, 213) }
```

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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