

Converting Colors

XYZ(58.1703, 62.5903, 72.2201)

Have a look what the booklet for
XYZ(58.1703, 62.5903, 72.2201)
contains.

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Color

**XYZ(58.0994, 62.4108,
71.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D1D5
RGB	198, 209, 213
RGB Percent	78%, 82%, 84%
CMY	0.2235, 0.1804, 0.1647
CMYK	0.07, 0.02, 0.00, 0.16
HSL	196°, 15%, 81%
HSV	196°, 7%, 84%
XYZ	58.0994, 62.4108, 71.9351
YIQ	206.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

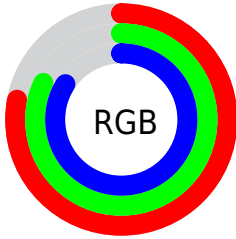
Format	Color
R_{YB}	198, 204, 213
Decimal	13029845
CIE _{Lab}	83.13, -2.95, -3.27
CIE _{LCh}	83, 4.407, 227.979
Yxy	62.4108, 0.3019, 0.3243
Android (android.graphics.Color)	4291219925 (0xFFC6D1D5)
YUV	206.1670, 3.3687, -7.1625
Hunter-Lab	79.0005, -6.9765, 1.3130

Details

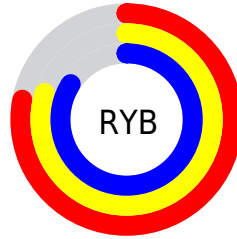
The XYZ color **58.0994, 62.4108, 71.9351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7543, 60.4639, 62.0011**, and the grayscale version is **58.7573, 61.8173, 67.3190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3945, 31.8406, 36.9443** is the 20% darker color. If you saturate the color by 10%, you get **51.5078, 56.9839, 71.2360**, and if you desaturate by 10%, it is **65.5338, 68.3492, 72.6905**.

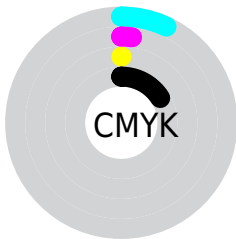
Distribution



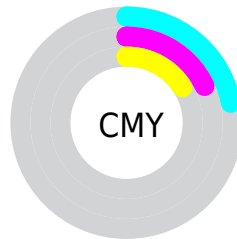
- Red (78%)
- Green (82%)
- Blue (84%)



- 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 58.0994, 62.4108, 71.9351 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 58.0994, 62.4108, 71.9351 by changing the saturation by 10% instead.

■ 58.0994, 62.4108,
71.9351

■ 58.0994, 62.4108,
71.9351

407.5041,
433.4280, 486.2871

■ 42.1321, 45.3647,
52.6191

101.1897,
108.3190, 123.6711

■ 29.3963, 31.7448,
37.1132

129.0435,
137.9500, 156.9283

■ 19.5266, 21.1666,
24.9987

161.5902,
172.5446, 195.6696

■ 12.1577, 13.2459,
15.8570

199.1951,
212.4875, 240.3135

■ 6.9241, 7.5981,
9.2698

242.2235,
258.1628, 291.2787

■ 3.4606, 3.8389,
4.8184

291.0410,

■ 1.4018, 1.5838,

309.9551, 348.9837

2.0842

346.0127,
368.2487, 413.8470

■ 0.2575, 0.3467,
0.6064

■ 0.0000, 0.0000,
0.0000

■ 58.0994, 62.4108,
71.9351

■ 58.0994, 62.4108,
71.9351

■ 51.5078, 56.9839,
71.2360

■ 65.5338, 68.3492,
72.6905

■ 45.7203, 52.0427,
70.5873

■ 73.8369, 74.8082,
73.4995

■ 40.7031, 47.5708,
69.9885

■ 80.4552, 80.4736,
74.2443

■ 36.4178, 43.5475,
69.4378

■ 82.0244, 83.6121,
74.7673

■ 32.8227, 39.9506,
68.9330

■ 83.6452, 86.8537,
75.3076

■ 29.8715, 36.7553,
68.4718

■ 85.3180, 90.1994,
75.8652

■ 27.5119, 33.9339,
68.0516

■ 87.0434, 93.6501,
76.4403

■ 25.6828, 31.4542,
67.6694

■ 88.8217, 97.2067,
77.0331

■ 24.3037, 29.2736,
67.3212

■ 89.0104, 97.5842,
77.0960

Harmonies

Analogous

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



57.5908, 62.4108, 69.5902



58.0994, 62.4108, 71.9351



58.9381, 62.4108, 73.2268

Triad

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



58.0994, 62.4108, 71.9351



61.1329, 62.4108, 69.0555



58.7549, 62.4108, 63.0765

Complementary

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



58.0994, 62.4108, 71.9351



58.7543, 60.4639, 62.0011

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.



59.7027, 62.4108, 62.9420



58.0994, 62.4108, 71.9351



61.0826, 62.4108, 66.3451

Square

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



58.0994, 62.4108, 71.9351



60.6936, 62.4108, 71.5346



60.5568, 62.4108, 64.1240



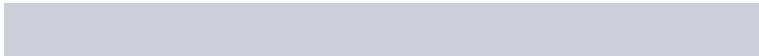
57.9665, 62.4108, 64.4964

Rectangle

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



58.0994, 62.4108, 71.9351



59.5747, 62.4108, 73.2945



60.5568, 62.4108, 64.1240



59.0652, 62.4108, 62.8809

Sweetspot

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



58.1012, 62.4134, 71.9365



92.7665, 98.1816, 108.6694



57.7150, 63.8477, 65.0050



19.8798, 21.0340, 23.2621



0.0000, 0.0000, 0.0000



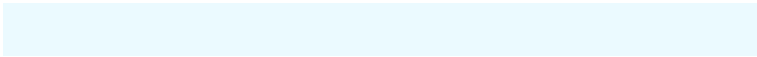
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1012, 62.4134, 71.9365



86.2295, 92.9150, 107.9974



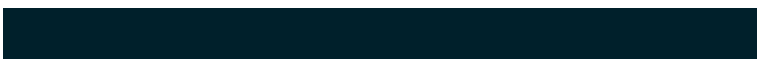
56.3618, 58.9347, 71.3567



12.4993, 13.5219, 15.8887



14.7116, 17.6849, 41.0913



0.9536, 1.1993, 2.5005

Inverse Universe

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



59.1447, 59.1389, 68.6224



88.0210, 87.3227, 102.3006



60.4964, 63.9481, 62.5818



12.8052, 12.5736, 14.9144



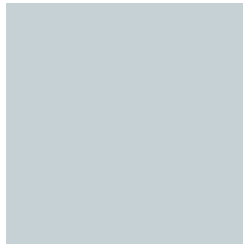
20.4846, 10.1302, 20.3876



1.2690, 0.6244, 1.4059

Previews

White Background



This preview shows how the XYZ color 58.0994, 62.4108, 71.9351 looks on a white background.

Color Contrast Check

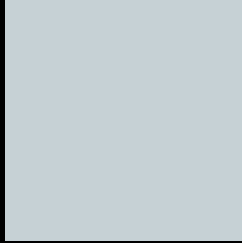
Large Text (above 18pt) WCAG AA × Fail

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 58.0994, 62.4108, 71.9351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

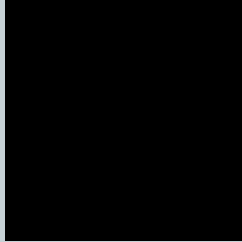
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

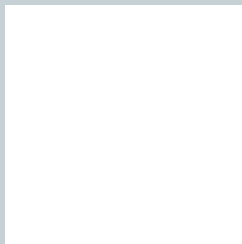
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0994, 62.4108, 71.9351

Background



This preview shows how black text looks on a background with the XYZ color 58.0994, 62.4108, 71.9351.



This preview shows how white text looks on a background with the XYZ color 58.0994, 62.4108,

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

58.0994, 62.4108, 71.9351

Protanopia

60.1237, 62.4011, 70.5038

Deuteranopia

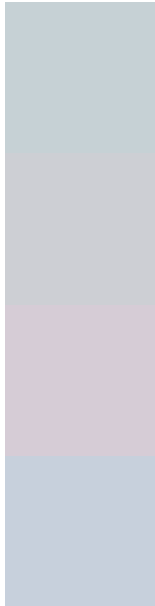
63.5838, 62.3676, 72.9769



Tritanopia

59.5868, 62.2868, 79.4030

Trichromacy



Original Color

58.0994, 62.4108, 71.9351

Protanomaly

59.3733, 62.3582, 71.1944

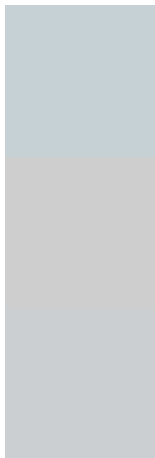
Deuteranomaly

61.4620, 62.3369, 72.4112

Tritanomaly

59.0273, 62.4212, 76.6476

Monochromacy



Original Color

58.0994, 62.4108, 71.9351

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 58.0994, 62.4108, 71.9351 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(198, 209, 213) looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 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(198, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.0994, 62.4108, 71.9351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

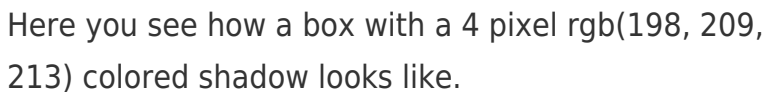
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 209, 213) }
```


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

```
.border{ border-color:rgb(198, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 209, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 209, 213); box-shadow:4px 4px 4px 4px rgb(198, 209, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0994, 62.4108, 71.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 213) }
```

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

```
.background{ background-color: rgb(198,  
209, 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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