

Converting Colors

XYZ(58.9711, 62.3638, 70.9854)

Have a look what the booklet for
XYZ(58.9711, 62.3638, 70.9854)
contains.

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Color

**XYZ(59.0681, 62.5617,
71.2498)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0D4
RGB	203, 208, 212
RGB Percent	80%, 82%, 83%
CMY	0.2039, 0.1843, 0.1686
CMYK	0.04, 0.02, 0.00, 0.17
HSL	207°, 9%, 81%
HSV	207°, 4%, 83%
XYZ	59.0681, 62.5617, 71.2498
YIQ	206.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

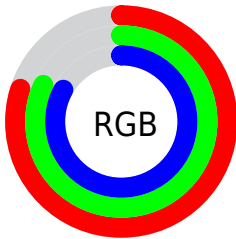
Format	Color
R_{YB}	203, 206, 212
Decimal	13357268
CIE _{Lab}	83.21, -0.95, -2.58
CIE _{LCh}	83, 2.750, 249.819
Yxy	62.5617, 0.3062, 0.3244
Android (android.graphics.Color)	4291547348 (0xFFCBD0D4)
YUV	206.9610, 2.4842, -3.4738
Hunter-Lab	79.0960, -5.1158, 1.9586

Details

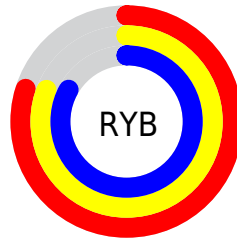
The XYZ color **59.0681, 62.5617, 71.2498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2438, 62.9338, 65.4730**, and the grayscale version is **59.2710, 62.3577, 67.9076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0358, 31.9351, 36.4793** is the 20% darker color. If you saturate the color by 10%, you get **51.4577, 55.3331, 70.2566**, and if you desaturate by 10%, it is **67.6079, 70.4751, 72.3281**.

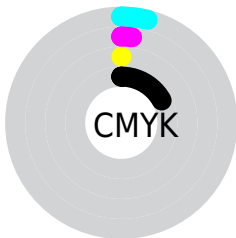
Distribution



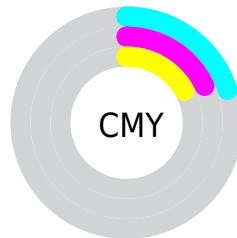
- Red (80%)
- Green (82%)
- Blue (83%)



- Red (80%)
- Yellow (81%)
- Blue (83%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0681, 62.5617, 71.2498 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 59.0681, 62.5617, 71.2498 by changing the saturation by 10% instead.

■ 59.0681, 62.5617,
71.2498

■ 59.0681, 62.5617,
71.2498

411.0442,
433.9770, 483.8334

■ 42.9145, 45.4867,
52.0630

102.5907,
108.5369, 122.6871

■ 30.0123, 31.8410,
36.6727

130.6904,
138.2060, 155.7747

■ 19.9960, 21.2401,
24.6604

163.5029,
172.8418, 194.3330

■ 12.5004, 13.2996,
15.6075

201.3935,
212.8289, 238.7805

■ 7.1601, 7.6352,
9.0955

244.7276,
258.5515, 289.5357

■ 3.6096, 3.8624,
4.7059

293.8705,

■ 1.4837, 1.5969,

310.3942, 347.0172

2.0200

349.1876,
368.7412, 411.6436

■ 0.3147, 0.3555,
0.5676

■ 0.0000, 0.0000,
0.0000

■ 59.0681, 62.5617,
71.2498

■ 59.0681, 62.5617,
71.2498

■ 51.4577, 55.3331,
70.2566

■ 67.6079, 70.4751,
72.3281

■ 44.7371, 48.7603,
69.3421

■ 77.1039, 79.0854,
73.4896

■ 38.8716, 42.8236,
68.5054

■ 83.1907, 86.1472,
74.5318

■ 33.8224, 37.4991,
67.7438

■ 85.9769, 91.7197,
75.4606

■ 29.5469, 32.7614,
67.0547

■ 88.8839, 97.5335,
76.4295

■ 25.9989, 28.5826,
66.4351

■ 23.1262, 24.9317,
65.8818

■ 20.8692, 21.7739,
65.3912

■ 19.1556, 19.0677,
64.9592

Harmonies

Analogous

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



58.5862, 62.5617, 70.2448



59.0681, 62.5617, 71.2498



59.6589, 62.5617, 71.4082

Triad

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



59.0681, 62.5617, 71.2498



60.6007, 62.5617, 67.5603



58.7314, 62.5617, 65.6264

Complementary

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



59.0681, 62.5617, 71.2498



60.2438, 62.9338, 65.4730

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.



59.2676, 62.5617, 64.9325



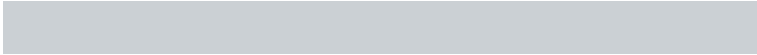
59.0681, 62.5617, 71.2498



60.3486, 62.5617, 66.0366

Square

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



59.0681, 62.5617, 71.2498



60.5464, 62.5617, 69.2589



59.8597, 62.5617, 65.0814



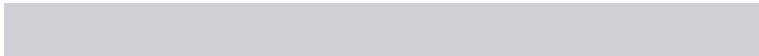
58.3927, 62.5617, 66.9918

Rectangle

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



59.0681, 62.5617, 71.2498



60.0353, 62.5617, 71.0097



59.8597, 62.5617, 65.0814



58.8944, 62.5617, 65.3080

Sweetspot

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



59.0699, 62.5644, 71.2512



93.7579, 98.7992, 108.7363



59.4233, 64.2846, 68.2446



20.0817, 21.1598, 23.2758



0.0000, 0.0000, 0.0000



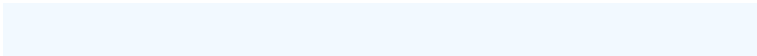
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0699, 62.5644, 71.2512



88.7341, 94.1021, 108.0945



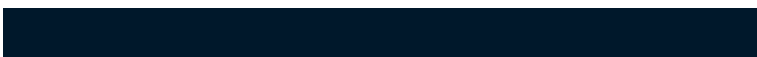
58.0111, 60.4467, 70.8982



12.9647, 13.7619, 15.9105



11.4269, 11.1156, 39.9964



0.7712, 0.8344, 2.4397

Inverse Universe

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



59.8938, 61.2641, 68.3460



90.2183, 91.7739, 102.8584



61.3256, 65.0974, 65.8336



13.2088, 13.3807, 15.0490



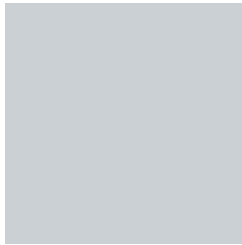
18.8266, 9.4670, 11.6570



1.1769, 0.5876, 0.9210

Previews

White Background



This preview shows how the XYZ color 59.0681, 62.5617, 71.2498 looks on a white background.

Color Contrast Check

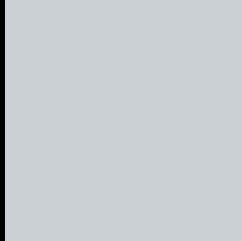
Large Text (above 18pt) WCAG AA × Fail

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 59.0681, 62.5617, 71.2498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

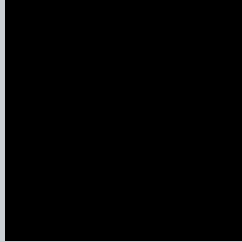
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

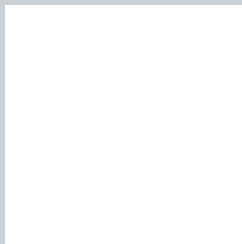
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0681, 62.5617, 71.2498

Background



This preview shows how black text looks on a background with the XYZ color 59.0681, 62.5617, 71.2498.

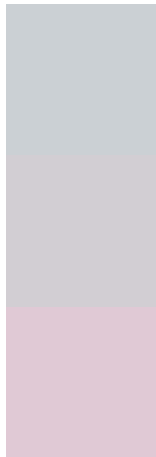


This preview shows how white text looks on a background with the XYZ color 59.0681, 62.5617,

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

59.0681, 62.5617, 71.2498

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

63.6374, 62.4247, 71.6459



Tritanopia

60.5674, 62.4495, 78.6737

Trichromacy



Original Color

59.0681, 62.5617, 71.2498

Protanomaly

59.8028, 62.5942, 70.5580

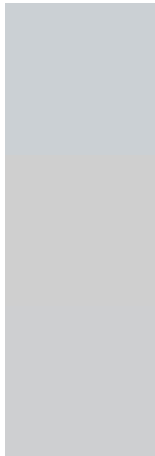
Deuteranomaly

61.9220, 62.5888, 71.7680

Tritanomaly

60.0008, 62.5775, 75.9341

Monochromacy



Original Color

59.0681, 62.5617, 71.2498

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2750, 62.3509, 69.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0681, 62.5617, 71.2498 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(203, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 212)  
}
```

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(203, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.0681, 62.5617, 71.2498 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(203, 208, 212) }
```


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

```
.border{ border-color:rgb(203, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0681, 62.5617, 71.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 212) }
```

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

```
.background{ background-color: rgb(203,  
208, 212) }
```

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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