

Converting Colors

XYZ(57.5013, 63.8714, 59.0795)

Have a look what the booklet for
XYZ(57.5013, 63.8714, 59.0795)
contains.

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Color

**XYZ(57.3961, 63.8118,
59.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D5C0
RGB	201, 213, 192
RGB Percent	79%, 84%, 75%
CMY	0.2118, 0.1647, 0.2471
CMYK	0.06, 0.00, 0.10, 0.16
HSL	94°, 20%, 79%
HSV	94°, 10%, 84%
XYZ	57.3961, 63.8118, 59.1610
YIQ	207.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

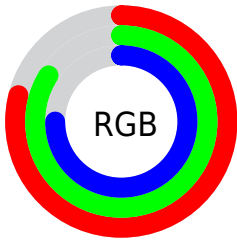
Format	Color
RYB	192, 213, 204
Decimal	13227456
CIELab	83.87, -7.84, 8.99
CIELCh	84, 11.927, 131.117
Yxy	63.8118, 0.3182, 0.3538
Android (android.graphics.Color)	4291417536 (0xFFC9D5C0)
YUV	207.0180, -7.4039, -5.2778
Hunter-Lab	79.8823, -11.5402, 12.0073

Details

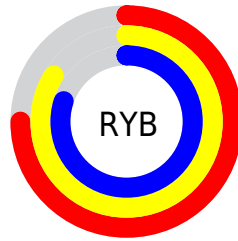
The XYZ color **57.3961, 63.8118, 59.1610** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7642, 55.3425, 70.6972**, and the grayscale version is **59.3677, 62.4594, 68.0183**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **28.9197, 32.5208, 29.1790** is the 20% darker color. If you saturate the color by 10%, you get **52.0613, 61.3167, 47.4703**, and if you desaturate by 10%, it is **63.3355, 66.5828, 72.6657**.

Distribution



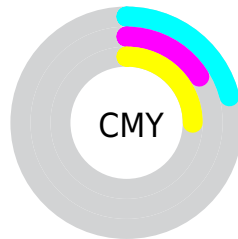
- Red (79%)
- Green (84%)
- Blue (75%)



- Red (75%)
- Yellow (84%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3961, 63.8118, 59.1610 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 57.3961, 63.8118, 59.1610 by changing the saturation by 10% instead.

■ 57.3961, 63.8118,
59.1610

■ 57.3961, 63.8118,
59.1610

404.9221,
438.5097, 439.2168

■ 41.5647, 46.4983,
42.3219

■ 100.1709,
110.3399, 105.1430

■ 28.9502, 32.6392,
29.0260

127.8451,
140.3232, 135.1230

■ 19.1873, 21.8502,
18.8547

160.1976,
175.2985, 170.3204

■ 11.9105, 13.7469,
11.3896

197.5938,
215.6503, 211.1537

■ 6.7545, 7.9448,
6.2121

240.3989,
261.7629, 258.0414

■ 3.3540, 4.0597,
2.9036

288.9785,

■ 1.3436, 1.7070,

314.0207, 311.4022

1.0456

343.6978,
372.8082, 371.6544

■ 0.2155, 0.4282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3961, 63.8118,
59.1610

■ 57.3961, 63.8118,
59.1610

■ 52.0613, 61.3167,
47.4703

■ 63.3355, 66.5828,
72.6657

■ 47.3051, 59.0803,
37.5122

■ 69.8937, 69.6299,
88.0527

■ 43.1076, 57.0959,
29.2053

■ 76.9452, 72.9056,
104.6245

■ 39.4452, 55.3534,
22.4600

■ 81.1609, 75.0789,
104.8218

■ 36.2928, 53.8419,
17.1784

■ 83.0855, 76.0710,
104.9118

■ 33.6226, 52.5495,
13.2512

■ 31.4037, 51.4630,
10.5539

■ 29.6005, 50.5673,
8.9392

■ 28.1549, 49.8382,
8.1443

Harmonies

Analogous

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



59.6843, 63.8118, 56.2544



57.3961, 63.8118, 59.1610



56.0052, 63.8118, 64.9116

Triad

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



57.3961, 63.8118, 59.1610



59.0343, 63.8118, 84.0558



65.7336, 63.8118, 66.7334

Complementary

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



57.3961, 63.8118, 59.1610



55.7642, 55.3425, 70.6972

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.



65.5473, 63.8118, 74.2583



57.3961, 63.8118, 59.1610



61.6284, 63.8118, 84.6317

Square

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



57.3961, 63.8118, 59.1610



56.9320, 63.8118, 79.4135



64.0271, 63.8118, 80.9346



64.5289, 63.8118, 60.4118

Rectangle

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



57.3961, 63.8118, 59.1610



55.7492, 63.8118, 69.7621



64.0271, 63.8118, 80.9346



65.8324, 63.8118, 69.1991

Sweetspot

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



57.3978, 63.8146, 59.1624



92.2523, 98.6972, 102.4674



58.5266, 61.0926, 58.5775



19.5888, 21.0521, 21.5736



0.0000, 0.0000, 0.0000



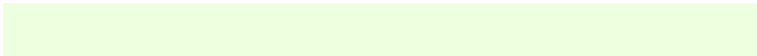
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3978, 63.8146, 59.1624



84.3650, 95.0163, 84.6992



55.2047, 62.6659, 59.8736



12.7619, 14.1535, 13.2200



17.2979, 30.4937, 4.9742



1.1370, 1.8875, 0.3044

Inverse Universe

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



55.7642, 55.3425, 70.6972



81.3930, 79.6041, 105.6830



58.1259, 56.5804, 69.8839



12.4152, 12.3555, 15.6680



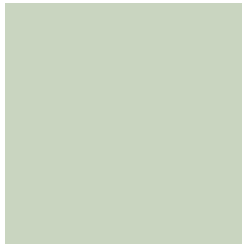
12.3351, 5.5115, 38.8668



0.8379, 0.3808, 2.3487

Previews

White Background



This preview shows how the XYZ color 57.3961, 63.8118, 59.1610 looks on a white background.

Color Contrast Check

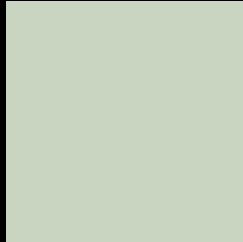
Large Text (above 18pt) WCAG AA × Fail

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 57.3961, 63.8118, 59.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

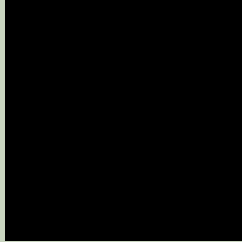
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

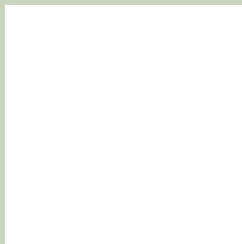
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3961, 63.8118, 59.1610

Background



This preview shows how black text looks on a background with the XYZ color 57.3961, 63.8118, 59.1610.



This preview shows how white text looks on a background with the XYZ color 57.3961, 63.8118,

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

57.3961, 63.8118, 59.1610

Protanopia

60.3565, 63.5376, 57.2270

Deuteranopia

64.7898, 63.6285, 59.9057



Tritanopia

61.6001, 63.6698, 80.2770

Trichromacy



Original Color

57.3961, 63.8118, 59.1610

Protanomaly

59.2048, 63.6598, 57.8823

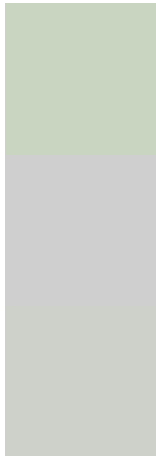
Deuteranomaly

61.8211, 63.5225, 59.4548

Tritanomaly

59.9587, 63.7347, 72.0926

Monochromacy



Original Color

57.3961, 63.8118, 59.1610

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6380, 62.8443, 64.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3961, 63.8118, 59.1610 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(201, 213, 192) looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 192)  
}
```

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(201, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 192) }
```

Border

The CSS property to change the border of an element to XYZ 57.3961, 63.8118, 59.1610 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(201, 213, 192) }
```


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

```
.border{ border-color:rgb(201, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3961, 63.8118, 59.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 192) }
```

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

```
.background{ background-color: rgb(201,  
213, 192) }
```

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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