

Converting Colors

XYZ(57.9736, 63.1558, 68.8115)

Have a look what the booklet for
XYZ(57.9736, 63.1558, 68.8115)
contains.

XYZ(57.9681, 63.1484, 68.8081)	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(57.9681, 63.1484,
68.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3D0
RGB	198, 211, 208
RGB Percent	78%, 83%, 82%
CMY	0.2235, 0.1725, 0.1843
CMYK	0.06, 0.00, 0.01, 0.17
HSL	166°, 13%, 80%
HSV	166°, 6%, 83%
XYZ	57.9681, 63.1484, 68.8081
YIQ	206.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

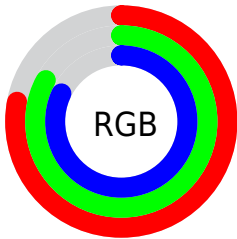
Format	Color
RYB	198, 205, 211
Decimal	13030352
CIELab	83.52, -4.95, -0.04
CIELCh	84, 4.947, 180.484
Yxy	63.1484, 0.3052, 0.3325
Android (android.graphics.Color)	4291220432 (0xFFC6D3D0)
YUV	206.7710, 0.6059, -7.6922
Hunter-Lab	79.4660, -8.8549, 4.2881

Details

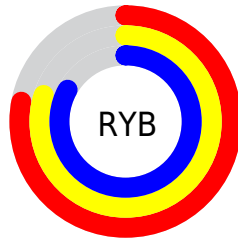
The XYZ color **57.9681, 63.1484, 68.8081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6030, 58.4557, 63.5084**, and the grayscale version is **59.1617, 62.2427, 67.7823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3913, 32.3763, 35.2720** is the 20% darker color. If you saturate the color by 10%, you get **52.1991, 60.2444, 65.4569**, and if you desaturate by 10%, it is **64.5339, 66.4646, 72.2954**.

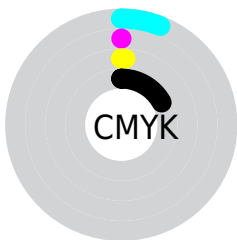
Distribution



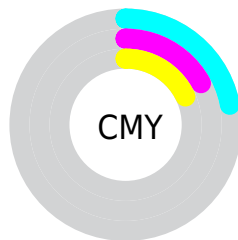
- Red (78%)
- Green (83%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9681, 63.1484, 68.8081 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 57.9681, 63.1484, 68.8081 by changing the saturation by 10% instead.

■ 57.9681, 63.1484,
68.8081

■ 57.9681, 63.1484,
68.8081

407.0228,
436.1079, 475.0295

■ 42.0262, 45.9613,
50.0847

100.9996,
109.3836, 119.1726

■ 29.3130, 32.2153,
35.1090

128.8199,
139.2004, 151.6507

■ 19.4632, 21.5260,
23.4626

161.3304,
173.9960, 189.5507

■ 12.1114, 13.5090,
14.7270

198.8964,
214.1546, 233.2913

■ 6.8923, 7.7800,
8.4835

241.8833,
260.0607, 283.2909

■ 3.4406, 3.9545,
4.3137

290.6565,

■ 1.3908, 1.6481,

312.0987, 339.9681

1.7990

345.5812,
370.6529, 403.7415

■ 0.2497, 0.3897,
0.4273

■ 0.0000, 0.0000,
0.0000

■ 57.9681, 63.1484,
68.8081

■ 57.9681, 63.1484,
68.8081

■ 52.1991, 60.2444,
65.4569

■ 64.5339, 66.4646,
72.2954

■ 47.1896, 57.7280,
62.2354


■ 71.9214, 70.2005,
75.9168


■ 42.9071, 55.5843,
59.1423

■ 77.8039, 73.1584,
79.5657

■ 39.3148, 53.7943,
56.1752


■ 78.4692, 73.4245,
83.0691

 36.3724, 52.3374,
53.3312


 79.1536, 73.6982,
86.6729


 34.0357, 51.1907,
50.6073


 79.8572, 73.9797,
90.3779


 32.2545, 50.3282,
48.0004

 80.5801, 74.2688,
94.1849

 30.9704, 49.7201,
45.5068

 81.3226, 74.5658,
98.0947

 30.1102, 49.3286,
43.1220

 82.0847, 74.8707,
102.1080

Harmonies

Analogous

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



58.2317, 63.1484, 65.8694



57.9681, 63.1484, 68.8081



58.2489, 63.1484, 71.8190

Triad

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



57.9681, 63.1484, 68.8081



61.0802, 63.1484, 74.0111



61.0495, 63.1484, 63.7115

Complementary

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



57.9681, 63.1484, 68.8081



57.6030, 58.4557, 63.5084

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.



61.8280, 63.1484, 65.7849



57.9681, 63.1484, 68.8081



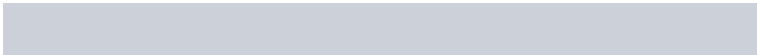
61.8458, 63.1484, 71.7295

Square

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



57.9681, 63.1484, 68.8081



60.0382, 63.1484, 74.8776



62.1211, 63.1484, 68.7077



60.0031, 63.1484, 62.9810

Rectangle

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



57.9681, 63.1484, 68.8081



58.7091, 63.1484, 73.4484



62.1211, 63.1484, 68.7077



61.3516, 63.1484, 64.2714

Sweetspot

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



57.9699, 63.1511, 68.8095



93.0094, 98.9699, 107.8176



57.5856, 63.0907, 62.5695



19.9292, 21.1944, 23.0888



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.



57.9699, 63.1511, 68.8095



88.1284, 96.5076, 105.1482



57.4908, 61.5958, 70.4904



12.2784, 13.4802, 14.6865



18.0490, 29.7125, 25.7019



1.0384, 1.6730, 1.5907

Inverse Universe

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



57.6030, 58.4557, 63.5084



87.4856, 88.2825, 95.8622



58.0547, 59.9192, 61.9326



12.1830, 12.2599, 13.3088



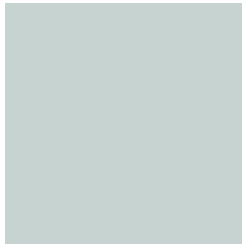
16.5765, 8.5034, 2.6761



0.9581, 0.4880, 0.3143

Previews

White Background



This preview shows how the XYZ color 57.9681, 63.1484, 68.8081 looks on a white background.

Color Contrast Check

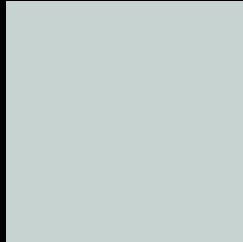
Large Text (above 18pt) WCAG AA × Fail

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 57.9681, 63.1484, 68.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

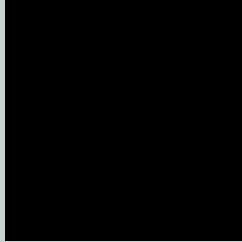
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

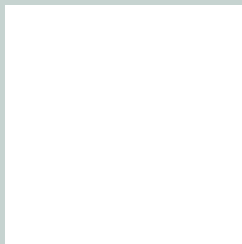
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9681, 63.1484, 68.8081

Background



This preview shows how black text looks on a background with the XYZ color 57.9681, 63.1484, 68.8081.



This preview shows how white text looks on a background with the XYZ color 57.9681, 63.1484,

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

57.9681, 63.1484, 68.8081

Protanopia

60.6048, 63.0789, 67.3738

Deuteranopia

64.1981, 62.7573, 69.7025



Tritanopia

60.2339, 62.9655, 80.2131

Trichromacy



Original Color

57.9681, 63.1484, 68.8081

Protanomaly

59.5505, 62.8821, 68.0303

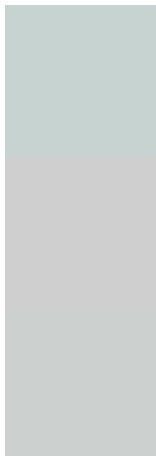
Deuteranomaly

61.6588, 62.8650, 69.2060

Tritanomaly

59.4061, 62.9948, 76.0460

Monochromacy



Original Color

57.9681, 63.1484, 68.8081

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7202, 62.4541, 67.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9681, 63.1484, 68.8081 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, 211, 208)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 208)  
}
```

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, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.9681, 63.1484, 68.8081 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, 211, 208) }
```


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

```
.border{ border-color:rgb(198, 211, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9681, 63.1484, 68.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 208) }
```

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

```
.background{ background-color: rgb(198,  
211, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor