

Converting Colors

XYZ(57.3575, 63.7062, 60.9752)

Have a look what the booklet for
XYZ(57.3575, 63.7062, 60.9752)
contains.

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Color

**XYZ(57.4640, 63.8080,
60.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D5C3
RGB	200, 213, 195
RGB Percent	78%, 84%, 76%
CMY	0.2157, 0.1647, 0.2353
CMYK	0.06, 0.00, 0.08, 0.16
HSL	103°, 18%, 80%
HSV	103°, 8%, 84%
XYZ	57.4640, 63.8080, 60.9173
YIQ	207.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

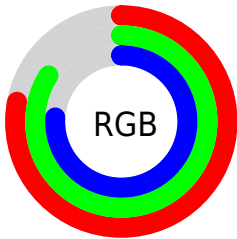
Format	Color
RYB	195, 213, 208
Decimal	13161923
CIELab	83.87, -7.67, 7.38
CIElCh	84, 10.644, 136.086
Yxy	63.8080, 0.3154, 0.3502
Android (android.graphics.Color)	4291352003 (0xFFC8D5C3)
YUV	207.0610, -5.9461, -6.1925
Hunter-Lab	79.8799, -11.3805, 10.7007

Details

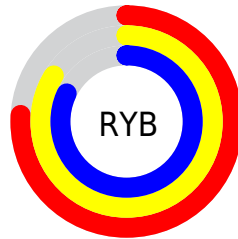
The XYZ color **57.4640, 63.8080, 60.9173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5403, 57.2460, 70.9710**, and the grayscale version is **59.3870, 62.4797, 68.0404**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.8886, 32.4878, 29.9475** is the 20% darker color. If you saturate the color by 10%, you get **51.3214, 60.9019, 48.9422**, and if you desaturate by 10%, it is **64.3673, 67.0702, 74.7241**.

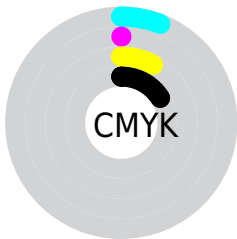
Distribution



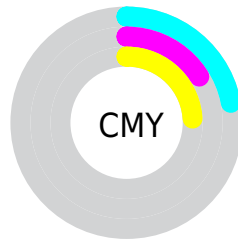
- Red (78%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4640, 63.8080, 60.9173 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 57.4640, 63.8080, 60.9173 by changing the saturation by 10% instead.

■ 57.4640, 63.8080,
60.9173

■ 57.4640, 63.8080,
60.9173

405.1718,
438.4960, 445.8689

■ 41.6195, 46.4952,
43.7283

100.2694,
110.3344, 107.7155

■ 28.9933, 32.6368,
30.1213

127.9609,
140.3167, 138.1619

■ 19.2200, 21.8483,
19.6779

160.3322,
175.2910, 173.8644

■ 11.9343, 13.7455,
11.9794

197.7485,
215.6417, 215.2417

■ 6.7708, 7.9439,
6.6073

240.5753,
261.7532, 262.7122

■ 3.3642, 4.0590,
3.1430

289.1779,

■ 1.3492, 1.7066,

314.0098, 316.6946

1.1681

343.9216,
372.7959, 377.6073

■ 0.2196, 0.4280,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4640, 63.8080,
60.9173

■ 57.4640, 63.8080,
60.9173

■ 51.3214, 60.9019,
48.9422

■ 64.3673, 67.0702,
74.7241

■ 45.9076, 58.3317,
38.7177

■ 72.0512, 70.6917,
90.4306

■ 41.1960, 56.0873,
30.1630

■ 79.9067, 74.4323,
104.7631

■ 37.1565, 54.1550,
23.1893

■ 83.0855, 76.0710,
104.9118

■ 33.7567, 52.5203,
17.6996

■ 30.9612, 51.1673,
13.5860

■ 28.7307, 50.0784,
10.7261

■ 27.0206, 49.2339,
8.9761

■ 25.7710, 48.6073,
8.1186

Harmonies

Analogous

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



59.4095, 63.8080, 57.8167



57.4640, 63.8080, 60.9173



56.3846, 63.8080, 66.4237

Triad

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



57.4640, 63.8080, 60.9173



59.5722, 63.8080, 82.7481



65.0739, 63.8080, 65.9667

Complementary

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



57.4640, 63.8080, 60.9173



57.5403, 57.2460, 70.9710

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.



65.1202, 63.8080, 72.6206



57.4640, 63.8080, 60.9173



61.9027, 63.8080, 82.6061

Square

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



57.4640, 63.8080, 60.9173



57.5805, 63.8080, 79.1775



63.9466, 63.8080, 78.8011



63.8218, 63.8080, 60.6014

Rectangle

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



57.4640, 63.8080, 60.9173



56.2831, 63.8080, 70.8512



63.9466, 63.8080, 78.8011



65.2321, 63.8080, 68.1189

Sweetspot

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



57.4658, 63.8107, 60.9187



91.8388, 98.4841, 102.4480



59.8250, 63.1521, 60.6672



19.4775, 20.9947, 21.5684



0.0000, 0.0000, 0.0000



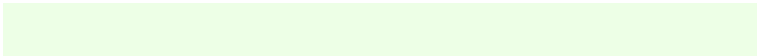
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4658, 63.8107, 60.9187



84.7582, 95.1377, 88.3915



56.5991, 63.3123, 63.2108



12.5829, 14.0612, 13.2116



15.7275, 29.6841, 4.9007



1.0288, 1.8318, 0.2993

Inverse Universe

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



57.5403, 57.2460, 70.9710



84.8904, 83.4773, 106.2463



58.4790, 57.7865, 68.4610



12.6012, 12.4513, 15.6767



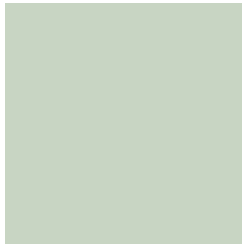
15.5628, 7.1754, 39.0179



1.0170, 0.4732, 2.3570

Previews

White Background



This preview shows how the XYZ color 57.4640, 63.8080, 60.9173 looks on a white background.

Color Contrast Check

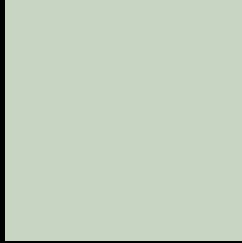
Large Text (above 18pt) WCAG AA × Fail

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 57.4640, 63.8080, 60.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

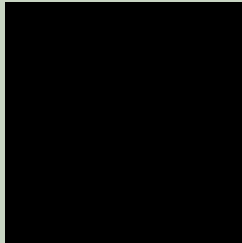
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

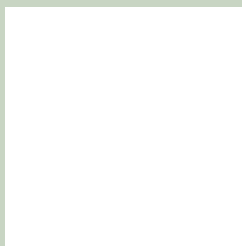
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4640, 63.8080, 60.9173

Background



This preview shows how black text looks on a background with the XYZ color 57.4640, 63.8080, 60.9173.



This preview shows how white text looks on a background with the XYZ color 57.4640, 63.8080,

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

57.4640, 63.8080, 60.9173

Protanopia

60.3892, 63.5165, 58.9462

Deuteranopia

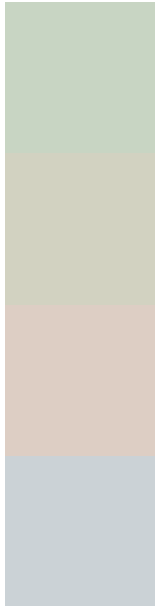
64.8028, 63.5959, 61.6831



Tritanopia

61.5679, 64.0163, 80.3456

Trichromacy



Original Color

57.4640, 63.8080, 60.9173

Protanomaly

59.2506, 63.6451, 59.6140

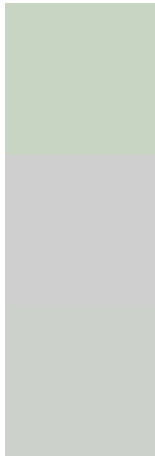
Deuteranomaly

61.8539, 63.5003, 61.2213

Tritanomaly

59.8128, 63.6447, 72.7505

Monochromacy



Original Color

57.4640, 63.8080, 60.9173

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4818, 62.7501, 65.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4640, 63.8080, 60.9173 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(200, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 195)  
}
```

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(200, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.4640, 63.8080, 60.9173 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(200, 213, 195) }
```


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

```
.border{ border-color:rgb(200, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4640, 63.8080, 60.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 195) }
```

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

```
.background{ background-color: rgb(200,  
213, 195) }
```

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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