

Converting Colors

XYZ(57.8091, 63.5627, 61.5054)

Have a look what the booklet for
XYZ(57.8091, 63.5627, 61.5054)
contains.

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Color

**XYZ(57.8644, 63.6290,
61.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD4C4
RGB	202, 212, 196
RGB Percent	79%, 83%, 77%
CMY	0.2078, 0.1686, 0.2314
CMYK	0.05, 0.00, 0.08, 0.17
HSL	98°, 16%, 80%
HSV	98°, 8%, 83%
XYZ	57.8644, 63.6290, 61.4564
YIQ	207.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

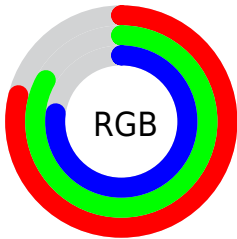
Format	Color
RYB	196, 212, 206
Decimal	13292740
CIELab	83.77, -6.29, 6.74
CIELCh	84, 9.213, 133.015
Yxy	63.6290, 0.3163, 0.3478
Android (android.graphics.Color)	4291482820 (0xFFCAD4C4)
YUV	207.1860, -5.5147, -4.5481
Hunter-Lab	79.7678, -10.1078, 10.1580

Details

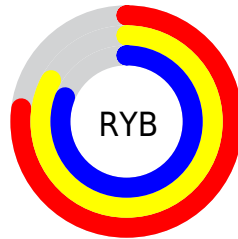
The XYZ color **57.8644, 63.6290, 61.4564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0796, 57.3568, 70.3531**, and the grayscale version is **59.4643, 62.5611, 68.1290**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **29.1522, 32.3628, 30.3014** is the 20% darker color. If you saturate the color by 10%, you get **52.1871, 60.9635, 49.4717**, and if you desaturate by 10%, it is **64.1943, 66.5952, 75.2543**.

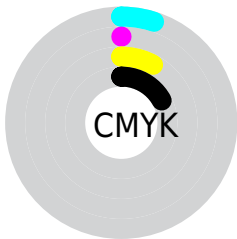
Distribution



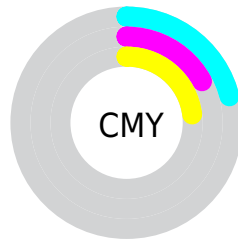
- Red (79%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8644, 63.6290, 61.4564 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 57.8644, 63.6290, 61.4564 by changing the saturation by 10% instead.

■ 57.8644, 63.6290,
61.4564

■ 57.8644, 63.6290,
61.4564

406.6425,
437.8487, 447.8982

■ 41.9425, 46.3503,
44.1607

100.8495,
110.0765, 108.5035

■ 29.2472, 32.5223,
30.4587

128.6433,
140.0140, 139.0918

■ 19.4131, 21.7608,
19.9320

161.1252,
174.9398, 174.9482

■ 12.0749, 13.6812,
12.1621

198.6605,
215.2385, 216.4910

■ 6.8673, 7.8993,
6.7303

241.6145,
261.2943, 264.1389

■ 3.4248, 4.0306,
3.2181

290.3526,

■ 1.3822, 1.6907,

313.4917, 318.3104

1.2071

345.2401,
372.2150, 379.4240

■ 0.2435, 0.4176,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8644, 63.6290,
61.4564

■ 57.8644, 63.6290,
61.4564

■ 52.1871, 60.9635,
49.4717

■ 64.1943, 66.5952,
75.2543

■ 47.1351, 58.5807,
39.2207

■ 71.1922, 69.8630,
90.9320

■ 42.6869, 56.4733,
30.6242

■ 78.1298, 73.1439,
104.6080

■ 38.8179, 54.6303,
23.5954

■ 82.8347, 75.5694,
104.8282

■ 35.5012, 53.0400,
18.0393

■ 32.7078, 51.6898,
13.8508

■ 30.4055, 50.5656,
10.9106

■ 28.5576, 49.6516,
9.0793

■ 27.1167, 48.9275,
8.1640

Harmonies

Analogous

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



59.6063, 63.6290, 58.9914



57.8644, 63.6290, 61.4564



56.8357, 63.6290, 66.0799

Triad

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



57.8644, 63.6290, 61.4564



59.3491, 63.6290, 80.4821



64.3441, 63.6290, 66.8043

Complementary

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



57.8644, 63.6290, 61.4564



57.0796, 57.3568, 70.3531

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.



64.2715, 63.6290, 72.5842



57.8644, 63.6290, 61.4564



61.3570, 63.6290, 80.7029

Square

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



57.8644, 63.6290, 61.4564



57.6797, 63.6290, 77.1561



63.1680, 63.6290, 77.7434



63.3642, 63.6290, 61.9612

Rectangle

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



57.8644, 63.6290, 61.4564



56.6784, 63.6290, 69.8683



63.1680, 63.6290, 77.7434



64.4426, 63.6290, 68.6973

Sweetspot

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



57.8662, 63.6317, 61.4578



93.0765, 99.0762, 104.5783



59.1569, 62.0636, 61.0871



19.9429, 21.2161, 22.4293



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.



57.8662, 63.6317, 61.4578



86.4902, 95.9890, 90.3504



56.4880, 62.8965, 62.5097



12.6979, 14.1205, 13.2170



16.6523, 30.1609, 4.9440



1.0947, 1.8657, 0.3024

Inverse Universe

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



57.0796, 57.3568, 70.3531



85.0658, 84.6259, 106.4587



58.5431, 58.1384, 69.1991



12.4809, 12.3893, 15.6711



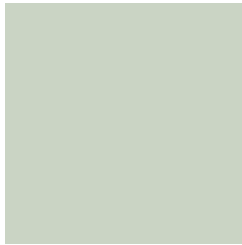
13.3755, 6.0478, 38.9155



0.8971, 0.4113, 2.3514

Previews

White Background



This preview shows how the XYZ color 57.8644, 63.6290, 61.4564 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 57.8644, 63.6290, 61.4564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

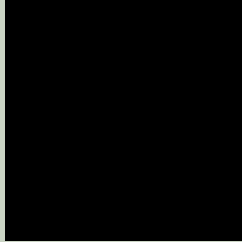
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

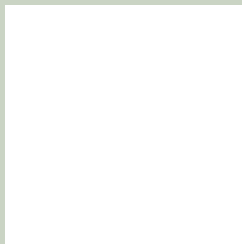
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8644, 63.6290, 61.4564

Background



This preview shows how black text looks on a background with the XYZ color 57.8644, 63.6290, 61.4564.



This preview shows how white text looks on a background with the XYZ color 57.8644, 63.6290,

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

57.8644, 63.6290, 61.4564

Protanopia

60.6124, 63.6057, 60.1215

Deuteranopia

64.9178, 63.6419, 62.2887



Tritanopia

61.4640, 63.6154, 79.5605

Trichromacy



Original Color

57.8644, 63.6290, 61.4564

Protanomaly

59.5148, 63.3899, 60.7285

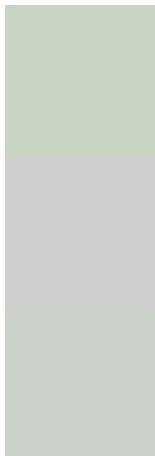
Deuteranomaly

62.2736, 63.7034, 61.8371

Tritanomaly

60.1149, 63.4351, 72.6941

Monochromacy



Original Color

57.8644, 63.6290, 61.4564

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7568, 62.8919, 65.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8644, 63.6290, 61.4564 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(202, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 196)  
}
```

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(202, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.8644, 63.6290, 61.4564 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(202, 212, 196) }
```


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

```
.border{ border-color:rgb(202, 212, 196) }
```

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

Here you see how a box with a 4 pixel rgb(202, 212, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8644, 63.6290, 61.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 196) }
```

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

```
.background{ background-color: rgb(202,  
212, 196) }
```

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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