

Converting Colors

XYZ(57.8109, 63.4607, 61.9261)

Have a look what the booklet for
XYZ(57.8109, 63.4607, 61.9261)
contains.

XYZ(57.9786, 63.6747, 62.0580)	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(57.9786, 63.6747,
62.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD4C5
RGB	202, 212, 197
RGB Percent	79%, 83%, 77%
CMY	0.2078, 0.1686, 0.2274
CMYK	0.05, 0.00, 0.07, 0.17
HSL	100°, 15%, 80%
HSV	100°, 7%, 83%
XYZ	57.9786, 63.6747, 62.0580
YIQ	207.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

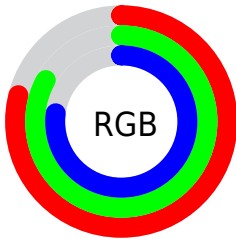
Format	Color
RYB	197, 212, 207
Decimal	13292741
CIELab	83.80, -6.11, 6.24
CIELCh	84, 8.733, 134.394
Yxy	63.6747, 0.3156, 0.3466
Android (android.graphics.Color)	4291482821 (0xFFCAD4C5)
YUV	207.3000, -5.0779, -4.6481
Hunter-Lab	79.7964, -9.9490, 9.7474

Details

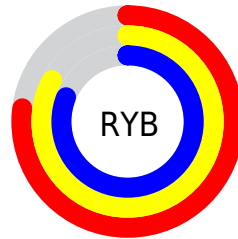
The XYZ color **57.9786, 63.6747, 62.0580** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5846, 57.9532, 70.4417**, and the grayscale version is **59.5353, 62.6358, 68.2103**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.2276, 32.3930, 30.6986** is the 20% darker color. If you saturate the color by 10%, you get **52.0673, 60.8904, 49.9800**, and if you desaturate by 10%, it is **64.5855, 66.7818, 75.9546**.

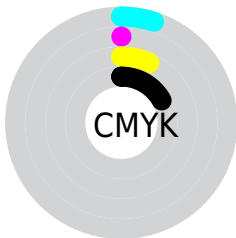
Distribution



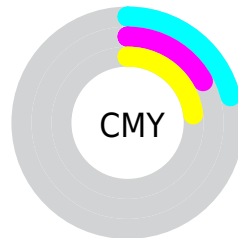
- Red (79%)
- Green (83%)
- Blue (77%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9786, 63.6747, 62.0580 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 57.9786, 63.6747, 62.0580 by changing the saturation by 10% instead.

■ 57.9786, 63.6747,
62.0580

■ 57.9786, 63.6747,
62.0580

407.0613,
438.0140, 450.1561

■ 42.0346, 46.3873,
44.6435

101.0148,
110.1423, 109.3818

■ 29.3196, 32.5515,
30.8358

128.8378,
140.0913, 140.1281

■ 19.4683, 21.7831,
20.2164

161.3512,
175.0295, 176.1554

■ 12.1151, 13.6976,
12.3668

198.9203,
215.3415, 217.8823

■ 6.8949, 7.9107,
6.8685

241.9105,
261.4115, 265.7273

■ 3.4422, 4.0378,
3.3028

290.6872,

■ 1.3917, 1.6947,

313.6240, 320.1089

1.2512

345.6157,
372.3633, 381.4456

■ 0.2503, 0.4203,
0.0213

■ 0.0000, 0.0000,
0.0000

■ 57.9786, 63.6747,
62.0580

■ 57.9786, 63.6747,
62.0580

■ 52.0673, 60.8904,
49.9800

■ 64.5855, 66.7818,
75.9546

■ 46.8229, 58.4102,
39.6413

■ 71.9051, 70.2135,
91.7363

■ 42.2220, 56.2257,
30.9628

■ 79.0451, 73.6158,
104.6509

■ 38.2382, 54.3251,
23.8580

■ 82.8347, 75.5694,
104.8282

■ 34.8429, 52.6957,
18.2322

■ 32.0049, 51.3238,
13.9807

■ 29.6898, 50.1943,
10.9851

■ 27.8586, 49.2900,
9.1068

■ 26.4629, 48.5899,
8.1620

Harmonies

Analogous

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



59.6092, 63.6747, 59.6001



57.9786, 63.6747, 62.0580



57.0397, 63.6747, 66.5296

Triad

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



57.9786, 63.6747, 62.0580



59.5347, 63.6747, 80.0035



64.1619, 63.6747, 66.7396

Complementary

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



57.9786, 63.6747, 62.0580



57.5846, 57.9532, 70.4417

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.



64.1410, 63.6747, 72.2098



57.9786, 63.6747, 62.0580



61.4419, 63.6747, 80.0671

Square

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



57.9786, 63.6747, 62.0580



57.9251, 63.6747, 76.9816



63.1364, 63.6747, 77.1510



63.1931, 63.6747, 62.2047

Rectangle

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



57.9786, 63.6747, 62.0580



56.9195, 63.6747, 70.1429



63.1364, 63.6747, 77.1510



64.2710, 63.6747, 68.5252

Sweetspot

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



57.9804, 63.6774, 62.0594



92.9996, 99.0366, 104.5747



59.5448, 62.6566, 61.7799



19.9273, 21.2080, 22.4286



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.



57.9804, 63.6774, 62.0594



87.1092, 96.2659, 92.2846



56.9383, 63.1069, 63.5189



12.6484, 14.0950, 13.2147



16.2180, 29.9370, 4.9236



1.0647, 1.8503, 0.3010

Inverse Universe

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



57.5846, 57.9532, 70.4417



86.4271, 86.4013, 106.7297



58.6906, 58.5595, 68.8593



12.5323, 12.4158, 15.6735



14.2653, 6.5065, 38.9572



0.9465, 0.4368, 2.3537

Previews

White Background



This preview shows how the XYZ color 57.9786, 63.6747, 62.0580 looks on a white background.

Color Contrast Check

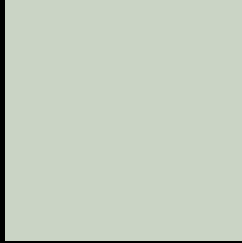
Large Text (above 18pt) WCAG AA × Fail

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 57.9786, 63.6747, 62.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

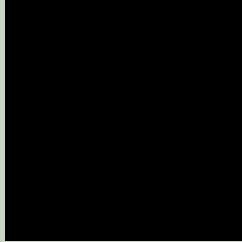
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

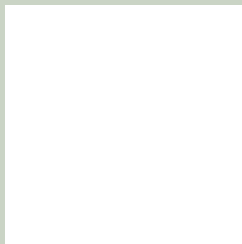
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9786, 63.6747, 62.0580

Background



This preview shows how black text looks on a background with the XYZ color 57.9786, 63.6747, 62.0580.



This preview shows how white text looks on a background with the XYZ color 57.9786, 63.6747,

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

57.9786, 63.6747, 62.0580

Protanopia

60.7251, 63.6508, 60.7150

Deuteranopia

64.7080, 63.5204, 62.8830



Tritanopia

61.4640, 63.6154, 79.5605

Trichromacy



Original Color

57.9786, 63.6747, 62.0580

Protanomaly

59.6282, 63.4353, 61.3261

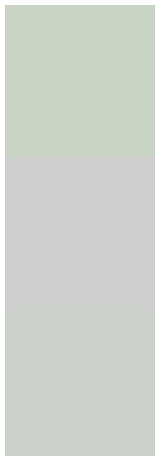
Deuteranomaly

62.0831, 63.5920, 62.4284

Tritanomaly

60.1149, 63.4351, 72.6941

Monochromacy



Original Color

57.9786, 63.6747, 62.0580

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 57.9786, 63.6747, 62.0580 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.9786, 63.6747, 62.0580 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, 197) }
```


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

```
.border{ border-color:rgb(202, 212, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9786, 63.6747, 62.0580 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, 197) }
```

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

```
.background{ background-color: rgb(202,  
212, 197) }
```

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