

Converting Colors

XYZ(57.9107, 66.4252, 61.9181)

Have a look what the booklet for
XYZ(57.9107, 66.4252, 61.9181)
contains.

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Color

**XYZ(57.8010, 66.2507,
61.9658)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DBC4
RGB	195, 219, 196
RGB Percent	76%, 86%, 77%
CMY	0.2353, 0.1412, 0.2314
CMYK	0.11, 0.00, 0.11, 0.14
HSL	123°, 25%, 81%
HSV	123°, 11%, 86%
XYZ	57.8010, 66.2507, 61.9658
YIQ	209.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

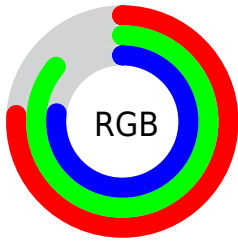
Format	Color
R_{YB}	195, 218, 219
Decimal	12835780
CIE _{Lab}	85.12, -12.27, 8.61
CIE _{LCh}	85, 14.988, 144.930
Yxy	66.2507, 0.3107, 0.3562
Android (android.graphics.Color)	4291025860 (0xFFC3DBC4)
YUV	209.2020, -6.5086, -12.4552
Hunter-Lab	81.3945, -15.6816, 11.8386

Details

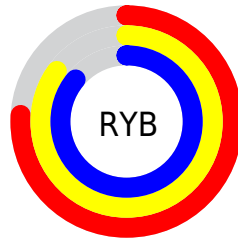
The XYZ color **57.8010, 66.2507, 61.9658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3858, 59.1538, 74.5152**, and the grayscale version is **60.7821, 63.9475, 69.6388**.

A 20% lighter version of the original color is **93.6345, 99.3073, 107.1617**, and **29.1424, 34.1666, 30.6500** is the 20% darker color. If you saturate the color by 10%, you get **50.3279, 62.6571, 50.0061**, and if you desaturate by 10%, it is **66.4419, 70.4115, 75.7273**.

Distribution



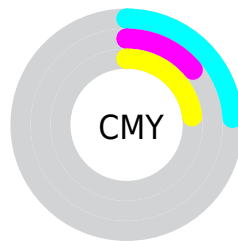
- Red (76%)
- Green (86%)
- Blue (77%)



- Red (76%)
- Yellow (85%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8010, 66.2507, 61.9658 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 57.8010, 66.2507, 61.9658 by changing the saturation by 10% instead.

■ 57.8010, 66.2507,
61.9658

■ 57.8010, 66.2507,
61.9658

406.4098,
447.2729, 449.8105

■ 41.8913, 48.4759,
44.5695

□ 100.7576,
113.8461, 109.2472

■ 29.2069, 34.2039,
30.7780

128.5353,
144.4355, 139.9694

■ 19.3825, 23.0503,
20.1728

160.9997,
180.0652, 175.9705

■ 12.0526, 14.6307,
12.3354

198.5162,
221.1197, 217.6693

■ 6.8520, 8.5606,
6.8472

241.4501,
267.9834, 265.4841

■ 3.4152, 4.4557,
3.2897

290.1667,

■ 1.3769, 1.9316,

321.0405, 319.8335

1.2444

345.0315,
380.6756, 381.1362

■ 0.2397, 0.5673,
0.0156

■ 0.0000, 0.0000,
0.0000

■ 57.8010, 66.2507,
61.9658

■ 57.8010, 66.2507,
61.9658

■ 50.3279, 62.6571,
50.0061

■ 66.4419, 70.4115,
75.7273

■ 43.9675, 59.5981,
39.7696

■ 76.2919, 75.1537,
91.3563

■ 38.6680, 57.0508,
31.1782

■ 84.6228, 79.1457,
105.4243

■ 34.3718, 54.9873,
24.1462

■ 31.0156, 53.3768,
18.5799

■ 28.5290, 52.1854,
14.3761

■ 26.8316, 51.3741,
11.4175

■ 25.8280, 50.8966,
9.5677

■ 25.3828, 50.6857,
8.7076

Harmonies

Analogous

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



60.2707, 66.2507, 56.5465



57.8010, 66.2507, 61.9658



56.7180, 66.2507, 70.5041

Triad

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



57.8010, 66.2507, 61.9658



62.3970, 66.2507, 92.2987



69.0455, 66.2507, 64.5749

Complementary

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



57.8010, 66.2507, 61.9658



61.3858, 59.1538, 74.5152

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.



69.6639, 66.2507, 73.7924



57.8010, 66.2507, 61.9658



65.7472, 66.2507, 90.3553

Square

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



57.8010, 66.2507, 61.9658



59.3102, 66.2507, 88.4583



68.4369, 66.2507, 83.3617



66.7759, 66.2507, 57.9558

Rectangle

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



57.8010, 66.2507, 61.9658



56.8990, 66.2507, 77.0357



68.4369, 66.2507, 83.3617



69.4567, 66.2507, 67.4481

Sweetspot

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



57.8028, 66.2535, 61.9673



91.1333, 98.1146, 102.6726



64.1581, 69.5429, 61.6721



19.2879, 20.8954, 21.6286



0.0000, 0.0000, 0.0000



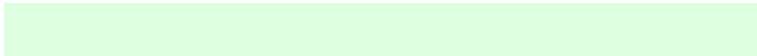
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8028, 66.2535, 61.9673



79.1888, 92.3661, 83.6307



59.1998, 66.8123, 69.3236



12.9084, 14.6150, 13.9806



15.0600, 30.0566, 5.2153



0.9836, 1.9504, 0.3796

Inverse Universe

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



61.3858, 59.1538, 74.5152



85.1498, 80.5542, 104.5064



59.8956, 58.5577, 66.6678



13.5897, 13.2650, 16.3667



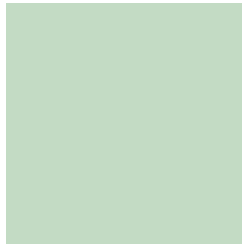
24.2209, 11.6894, 37.1391



1.5766, 0.7603, 2.4452

Previews

White Background



This preview shows how the XYZ color 57.8010, 66.2507, 61.9658 looks on a white background.

Color Contrast Check

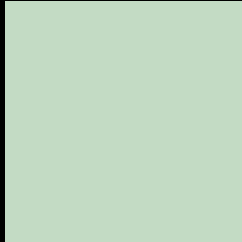
Large Text (above 18pt) WCAG AA × Fail

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 57.8010, 66.2507, 61.9658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

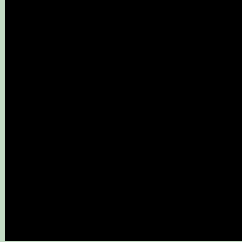
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

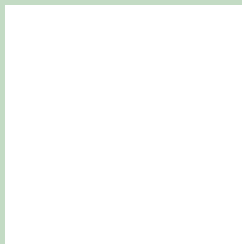
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8010, 66.2507, 61.9658

Background



This preview shows how black text looks on a background with the XYZ color 57.8010, 66.2507, 61.9658.



This preview shows how white text looks on a background with the XYZ color 57.8010, 66.2507,

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

57.8010, 66.2507, 61.9658

Protanopia

62.8767, 66.2649, 59.3456

Deuteranopia

67.4000, 65.9633, 63.2127



Tritanopia

62.5578, 66.2802, 85.0975

Trichromacy



Original Color

57.8010, 66.2507, 61.9658

Protanomaly

61.0775, 66.4482, 60.0587

Deuteranomaly

63.3638, 65.7000, 62.7678

Tritanomaly

60.7639, 66.3158, 75.9273

Monochromacy



Original Color

57.8010, 66.2507, 61.9658

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5952, 64.7855, 66.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8010, 66.2507, 61.9658 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(195, 219, 196) looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 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(195, 219, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.8010, 66.2507, 61.9658 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(195, 219, 196) }
```


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

```
.border{ border-color:rgb(195, 219, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 219, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 219, 196);  
box-shadow:4px 4px 4px 4px rgb(195, 219,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8010, 66.2507, 61.9658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 196) }
```

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

```
.background{ background-color: rgb(195,  
219, 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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