

Converting Colors

XYZ(57.8527, 65.6512, 58.7977)

Have a look what the booklet for
XYZ(57.8527, 65.6512, 58.7977)
contains.

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Color

**XYZ(57.7700, 65.5294,
58.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D9BF
RGB	199, 217, 191
RGB Percent	78%, 85%, 75%
CMY	0.2196, 0.1490, 0.2510
CMYK	0.08, 0.00, 0.12, 0.15
HSL	102°, 25%, 80%
HSV	102°, 12%, 85%
XYZ	57.7700, 65.5294, 58.8939
YIQ	208.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

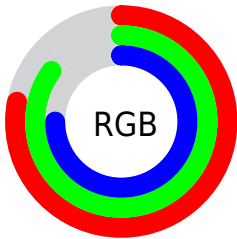
Format	Color
RYB	191, 217, 209
Decimal	13097407
CIELab	84.76, -10.76, 10.76
CIELCh	85, 15.215, 134.981
Yxy	65.5294, 0.3171, 0.3597
Android (android.graphics.Color)	4291287487 (0xFFC7D9BF)
YUV	208.6540, -8.7034, -8.4666
Hunter-Lab	80.9502, -14.2767, 13.5298

Details

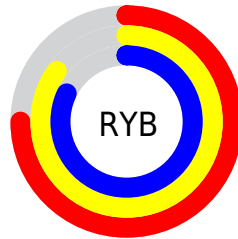
The XYZ color **57.7700, 65.5294, 58.8939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4523, 55.8285, 73.3970**, and the grayscale version is **60.4364, 63.5838, 69.2428**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **29.1848, 33.6954, 29.0104** is the 20% darker color. If you saturate the color by 10%, you get **51.7654, 62.6916, 47.0569**, and if you desaturate by 10%, it is **64.5257, 68.7173, 72.6157**.

Distribution



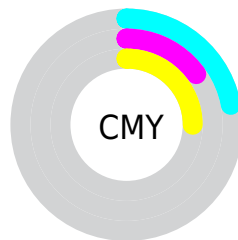
- Red (78%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7700, 65.5294, 58.8939 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 57.7700, 65.5294, 58.8939 by changing the saturation by 10% instead.

■ 57.7700, 65.5294,
58.8939

■ 57.7700, 65.5294,
58.8939

406.2960,
444.6920, 438.1995

■ 41.8663, 47.8905,
42.1083

■ 100.7127,
112.8106, 104.7510

■ 29.1873, 33.7402,
28.8599

128.4825,
143.2217, 134.6596

■ 19.3675, 22.6941,
18.7302

160.9383,
178.6590, 169.7796

■ 12.0417, 14.3678,
11.3006

198.4456,
219.5069, 210.5296

■ 6.8445, 8.3769,
6.1527

241.3697,
266.1497, 257.3280

■ 3.4105, 4.3370,
2.8679

290.0758,

■ 1.3744, 1.8638,

318.9719, 310.5934

1.0276

344.9295,
378.3579, 370.7444

■ 0.2379, 0.5265,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7700, 65.5294,
58.8939

■ 57.7700, 65.5294,
58.8939

■ 51.7654, 62.6916,
47.0569

■ 64.5257, 68.7173,
72.6157

■ 46.4796, 60.1834,
37.0184

■ 72.0527, 72.2584,
88.2953

■ 41.8861, 57.9949,
28.6914

■ 80.1986, 76.0949,
105.0686

■ 37.9540, 56.1123,
21.9803

■ 84.1041, 78.1083,
105.2514

■ 34.6506, 54.5210,
16.7800

■ 31.9395, 53.2049,
12.9727

■ 29.7804, 52.1460,
10.4236

■ 28.1265, 51.3238,
8.9708

■ 27.1122, 50.8130,
8.3789

Harmonies

Analogous

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



60.6068, 65.5294, 54.7288



57.7700, 65.5294, 58.8939



56.1726, 65.5294, 66.6016

Triad

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



57.7700, 65.5294, 58.8939



60.6027, 65.5294, 91.0329



68.8239, 65.5294, 66.6128

Complementary

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



57.7700, 65.5294, 58.8939



57.4523, 55.8285, 73.3970

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.



68.8227, 65.5294, 76.3197



57.7700, 65.5294, 58.8939



63.9913, 65.5294, 91.0366

Square

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



57.7700, 65.5294, 58.8939



57.7671, 65.5294, 85.4403



67.0267, 65.5294, 85.4500



67.0298, 65.5294, 58.9015

Rectangle

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



57.7700, 65.5294, 58.8939



55.9872, 65.5294, 72.9907



67.0267, 65.5294, 85.4500



69.0355, 65.5294, 69.7348

Sweetspot

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



57.7718, 65.5322, 58.8953



90.9003, 98.0455, 100.3599



60.7652, 64.0026, 58.4423



19.2937, 20.9091, 21.1483



0.0000, 0.0000, 0.0000



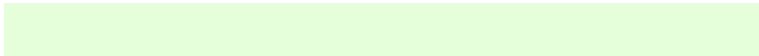
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7718, 65.5322, 58.8953



81.3095, 93.5200, 80.9908



56.2380, 64.6799, 61.6072



13.2614, 14.7995, 13.8832



16.5067, 30.8070, 5.0764



1.1561, 2.0405, 0.3329

Inverse Universe

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



57.4523, 55.8285, 73.3970



80.7742, 77.2760, 105.2662



59.1616, 56.7803, 70.2863



13.2043, 13.0635, 16.4777



15.3353, 7.0298, 40.2870



1.0800, 0.5000, 2.6140

Previews

White Background



This preview shows how the XYZ color 57.7700, 65.5294, 58.8939 looks on a white background.

Color Contrast Check

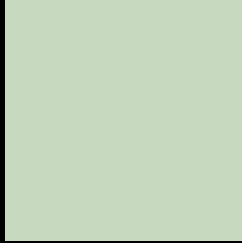
Large Text (above 18pt) WCAG AA × Fail

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 57.7700, 65.5294, 58.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

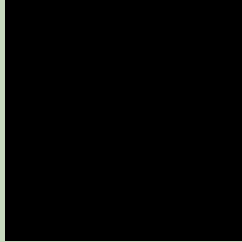
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

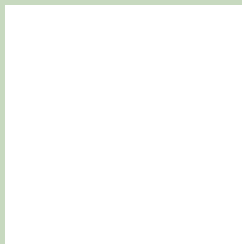
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7700, 65.5294, 58.8939

Background



This preview shows how black text looks on a background with the XYZ color 57.7700, 65.5294, 58.8939.



This preview shows how white text looks on a background with the XYZ color 57.7700, 65.5294,

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

57.7700, 65.5294, 58.8939

Protanopia

62.1902, 65.5915, 56.9596

Deuteranopia

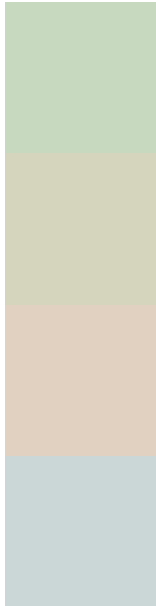
66.5904, 65.2579, 60.1253



Tritanopia

62.7239, 65.6675, 82.7680

Trichromacy



Original Color

57.7700, 65.5294, 58.8939

Protanomaly

60.4201, 65.4088, 57.5848

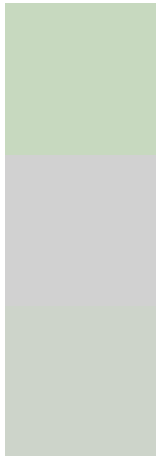
Deuteranomaly

63.1666, 65.2985, 59.7267

Tritanomaly

60.9409, 65.6959, 73.7586

Monochromacy



Original Color

57.7700, 65.5294, 58.8939

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3810, 64.3304, 65.1644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7700, 65.5294, 58.8939 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(199, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 191)  
}
```

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(199, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.7700, 65.5294, 58.8939 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(199, 217, 191) }
```


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

```
.border{ border-color:rgb(199, 217, 191) }
```

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

Here you see how a box with a 4 pixel rgb(199, 217, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7700, 65.5294, 58.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 191) }
```

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

```
.background{ background-color: rgb(199,  
217, 191) }
```

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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