

Converting Colors

XYZ(58.7705, 67.0116, 61.4836)

Have a look what the booklet for
XYZ(58.7705, 67.0116, 61.4836)
contains.

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Color

**XYZ(58.7322, 67.1323,
61.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DCC3
RGB	198, 220, 195
RGB Percent	78%, 86%, 76%
CMY	0.2235, 0.1372, 0.2353
CMYK	0.10, 0.00, 0.11, 0.14
HSL	113°, 26%, 81%
HSV	113°, 11%, 86%
XYZ	58.7322, 67.1323, 61.4921
YIQ	210.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

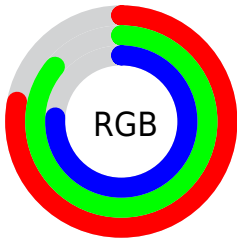
Format	Color
RYB	195, 220, 217
Decimal	13032643
CIELab	85.57, -11.93, 9.81
CIElCh	86, 15.442, 140.581
Yxy	67.1323, 0.3135, 0.3583
Android (android.graphics.Color)	4291222723 (0xFFC6DCC3)
YUV	210.5720, -7.6770, -11.0256
Hunter-Lab	81.9343, -15.4325, 12.8566

Details

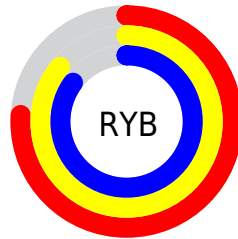
The XYZ color **58.7322, 67.1323, 61.4921** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0514, 58.9512, 75.8746**, and the grayscale version is **61.6875, 64.9001, 70.6762**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.7645, 34.7626, 30.3404** is the 20% darker color. If you saturate the color by 10%, you get **51.6447, 63.7471, 49.1182**, and if you desaturate by 10%, it is **66.8423, 71.0062, 75.8298**.

Distribution



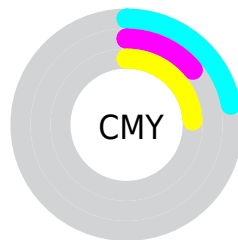
- Red (78%)
- Green (86%)
- Blue (76%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7322, 67.1323, 61.4921 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 58.7322, 67.1323, 61.4921 by changing the saturation by 10% instead.

■ 58.7322, 67.1323,
61.4921

■ 58.7322, 67.1323,
61.4921

409.8188,
450.4155, 448.0324

■ 42.6431, 49.1922,
44.1893

102.1052,
115.1100, 108.5556

■ 29.7985, 34.7719,
30.4811

130.1198,
145.9163, 139.1534

■ 19.8330, 23.4872,
19.9489

162.8403,
181.7801, 175.0199

■ 12.3813, 14.9537,
12.1742

200.6321,
223.0858, 216.5737

■ 7.0779, 8.7869,
6.7384

243.8605,
270.2178, 264.2333

■ 3.5577, 4.6024,
3.2231

292.8908,

■ 1.4551, 2.0159,

323.5605, 318.4173

1.2097

348.0885,
383.4983, 379.5441

■ 0.2950, 0.6167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7322, 67.1323,
61.4921

■ 58.7322, 67.1323,
61.4921

■ 51.6447, 63.7471,
49.1182

■ 66.8423, 71.0062,
75.8298

■ 45.5338, 60.8229,
38.6186

■ 76.0078, 75.3782,
92.2069

■ 40.3582, 58.3423,
29.9030

■ 84.8845, 79.6691,
105.5115

■ 36.0714, 56.2835,
22.8725

■ 32.6228, 54.6228,
17.4180

■ 29.9568, 53.3343,
13.4181

■ 28.0110, 52.3886,
10.7333

■ 26.7129, 51.7520,
9.1972

■ 26.0306, 51.4139,
8.5519

Harmonies

Analogous

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



61.4631, 67.1323, 56.4467



58.7322, 67.1323, 61.4921



57.3756, 67.1323, 69.9768

Triad

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



58.7322, 67.1323, 61.4921



62.7087, 67.1323, 93.8788



70.3390, 67.1323, 66.5067

Complementary

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



58.7322, 67.1323, 61.4921



61.0514, 58.9512, 75.8746

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.



70.7024, 67.1323, 76.3059



58.7322, 67.1323, 61.4921



66.2103, 67.1323, 92.7333

Square

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



58.7322, 67.1323, 61.4921



59.6153, 67.1323, 89.0742



69.1665, 67.1323, 86.0742



68.1912, 67.1323, 59.1523

Rectangle

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



58.7322, 67.1323, 61.4921



57.3978, 67.1323, 76.7043



69.1665, 67.1323, 86.0742



70.6769, 67.1323, 69.6021

Sweetspot

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



58.7340, 67.1352, 61.4936



91.4090, 98.2625, 102.4279



64.0955, 68.6131, 61.4962



19.3619, 20.9351, 21.5630



0.0000, 0.0000, 0.0000



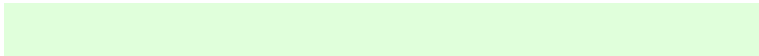
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7340, 67.1352, 61.4936



79.1969, 92.4309, 80.8919



59.0201, 67.1592, 67.0858



13.0309, 14.6807, 13.8724



15.3254, 30.1980, 5.0211



1.0420, 1.9817, 0.3276

Inverse Universe

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



61.0514, 58.9512, 75.8746



83.1418, 78.4965, 105.3770



60.7697, 58.9424, 69.6952



13.4526, 13.1915, 16.4893



20.6430, 9.7660, 40.5354



1.3816, 0.6555, 2.6282

Previews

White Background



This preview shows how the XYZ color 58.7322, 67.1323, 61.4921 looks on a white background.

Color Contrast Check

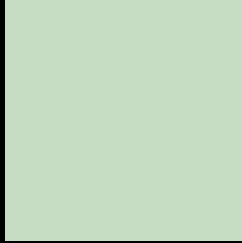
Large Text (above 18pt) WCAG AA × Fail

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 58.7322, 67.1323, 61.4921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

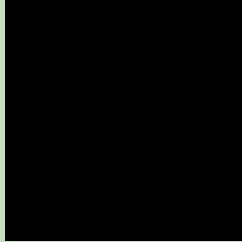
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

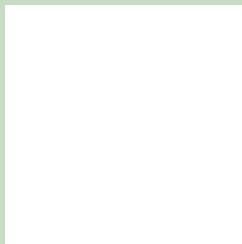
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7322, 67.1323, 61.4921

Background



This preview shows how black text looks on a background with the XYZ color 58.7322, 67.1323, 61.4921.

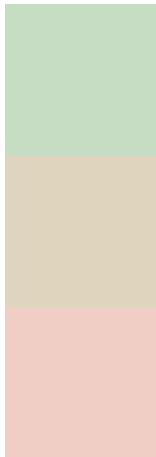


This preview shows how white text looks on a background with the XYZ color 58.7322, 67.1323,

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

58.7322, 67.1323, 61.4921

Protanopia

63.6296, 67.0381, 58.8762

Deuteranopia

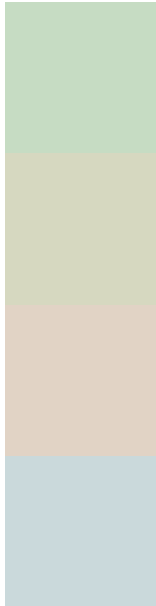
68.1995, 66.7451, 62.7147



Tritanopia

63.7678, 67.2644, 85.9663

Trichromacy



Original Color

58.7322, 67.1323, 61.4921

Protanomaly

61.8019, 67.2136, 59.5854

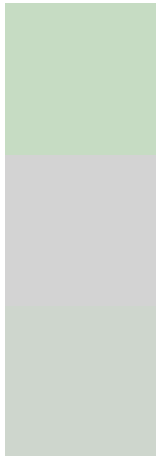
Deuteranomaly

64.4236, 66.6273, 62.2882

Tritanomaly

61.9562, 67.2967, 76.7420

Monochromacy



Original Color

58.7322, 67.1323, 61.4921

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5196, 65.6227, 67.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7322, 67.1323, 61.4921 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(198, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 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(198, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.7322, 67.1323, 61.4921 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(198, 220, 195) }
```


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

```
.border{ border-color:rgb(198, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 220, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 220, 195); box-shadow:4px 4px 4px 4px rgb(198, 220, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7322, 67.1323, 61.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 195) }
```

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

```
.background{ background-color: rgb(198,  
220, 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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