

Converting Colors

XYZ(58.7904, 66.8180, 63.7145)

Have a look what the booklet for
XYZ(58.7904, 66.8180, 63.7145)
contains.

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Color

**XYZ(58.6663, 66.6569,
63.8069)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DBC7
RGB	197, 219, 199
RGB Percent	77%, 86%, 78%
CMY	0.2274, 0.1412, 0.2196
CMYK	0.10, 0.00, 0.09, 0.14
HSL	125°, 23%, 82%
HSV	125°, 10%, 86%
XYZ	58.6663, 66.6569, 63.8069
YIQ	210.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

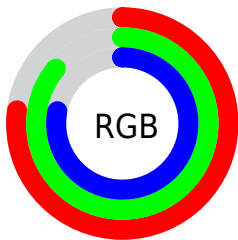
Format	Color
RYB	197, 217, 219
Decimal	12966855
CIELab	85.33, -11.05, 7.34
CIELCh	85, 13.269, 146.405
Yxy	66.6569, 0.3102, 0.3524
Android (android.graphics.Color)	4291156935 (0xFFC5DBC7)
YUV	210.1420, -5.4930, -11.5255
Hunter-Lab	81.6437, -14.6126, 10.8137

Details

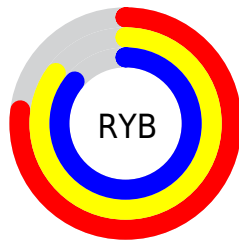
The XYZ color **58.6663, 66.6569, 63.8069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7065, 60.0040, 73.9784**, and the grayscale version is **61.3915, 64.5886, 70.3370**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.7140, 34.4349, 31.8686** is the 20% darker color. If you saturate the color by 10%, you get **51.1807, 63.0497, 52.1690**, and if you desaturate by 10%, it is **67.2912, 70.8203, 77.0796**.

Distribution



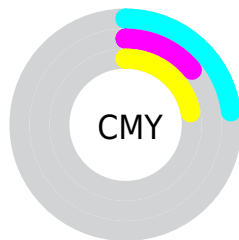
- Red (77%)
- Green (86%)
- Blue (78%)



- Red (77%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6663, 66.6569, 63.8069 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 58.6663, 66.6569, 63.8069 by changing the saturation by 10% instead.

■ 58.6663, 66.6569,
63.8069

■ 58.6663, 66.6569,
63.8069

409.5781,
448.7225, 456.6803

■ 42.5899, 48.8059,
46.0491

102.0099,
114.4286, 111.9296

■ 29.7566, 34.4655,
31.9356

130.0078,
145.1181, 143.1316

■ 19.8011, 23.2514,
21.0479

162.7103,
180.8559, 179.6520

■ 12.3579, 14.7793,
12.9675

200.4826,
222.0263, 221.9095

■ 7.0619, 8.6646,
7.2757

243.6902,
269.0138, 270.3225

■ 3.5475, 4.5231,
3.5540

292.6984,

■ 1.4495, 1.9703,

322.2027, 325.3096

1.3840

347.8726,
381.9775, 387.2894

■ 0.2911, 0.5901,
0.1292

■ 0.0000, 0.0000,
0.0000

■ 58.6663, 66.6569,
63.8069

■ 58.6663, 66.6569,
63.8069

■ 51.1807, 63.0497,
52.1690

■ 67.2912, 70.8203,
77.0796

■ 44.7814, 59.9670,
42.0986

■ 77.0945, 75.5531,
92.0425

■ 39.4196, 57.3870,
33.5301

■ 84.6228, 79.1456,
105.4243

■ 35.0404, 55.2829,
26.3914

■ 31.5840, 53.6255,
20.6047

■ 28.9838, 52.3825,
16.0847

■ 27.1646, 51.5168,
12.7366

■ 26.0376, 50.9853,
10.4519

■ 25.4583, 50.7158,
9.1050

Harmonies

Analogous

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



60.8220, 66.6569, 58.7510



58.6663, 66.6569, 63.8069



57.7655, 66.6569, 71.5460

Triad

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



58.6663, 66.6569, 63.8069



62.9940, 66.6569, 90.3652



68.6692, 66.6569, 65.4694

Complementary

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



58.6663, 66.6569, 63.8069



61.7065, 60.0040, 73.9784

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.



69.2948, 66.6569, 73.6199



58.6663, 66.6569, 63.8069



65.9581, 66.6569, 88.4203

Square

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



58.6663, 66.6569, 63.8069



60.2138, 66.6569, 87.2427



68.2879, 66.6569, 82.1182



66.6044, 66.6569, 59.6563

Rectangle

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



58.6663, 66.6569, 63.8069



57.9761, 66.6569, 77.3494



68.2879, 66.6569, 82.1182



69.0576, 66.6569, 68.0071

Sweetspot

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



58.6681, 66.6597, 63.8084



91.1917, 98.1380, 102.9801



64.0773, 69.4749, 62.8569



19.3035, 20.9017, 21.7112



0.0000, 0.0000, 0.0000



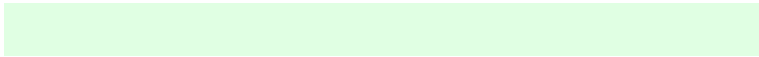
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6681, 66.6597, 63.8084



80.5148, 92.9874, 86.5095



59.9717, 67.1812, 70.6726



12.9344, 14.6254, 14.1173



15.1122, 30.0775, 5.4901



0.9960, 1.9553, 0.4448

Inverse Universe

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



61.7065, 60.0040, 73.9784



85.6086, 81.8287, 103.5593



60.3427, 59.4584, 66.7968



13.5607, 13.2534, 16.2137



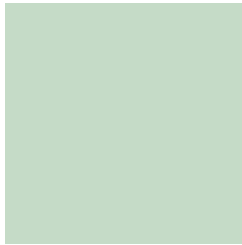
23.4624, 11.3860, 33.1449



1.5353, 0.7437, 2.2276

Previews

White Background



This preview shows how the XYZ color 58.6663, 66.6569, 63.8069 looks on a white background.

Color Contrast Check

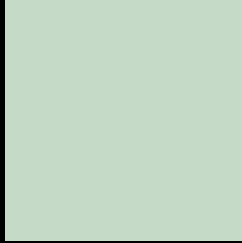
Large Text (above 18pt) WCAG AA × Fail

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 58.6663, 66.6569, 63.8069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

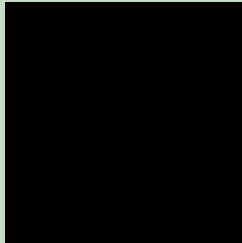
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

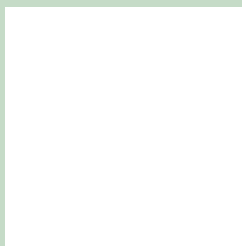
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6663, 66.6569, 63.8069

Background



This preview shows how black text looks on a background with the XYZ color 58.6663, 66.6569, 63.8069.

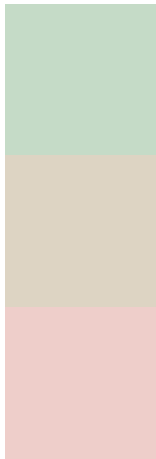


This preview shows how white text looks on a background with the XYZ color 58.6663, 66.6569,

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

58.6663, 66.6569, 63.8069

Protanopia

63.2126, 66.3992, 61.1144

Deuteranopia

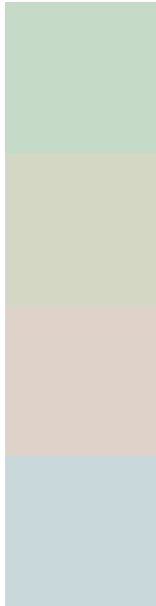
67.9919, 66.5840, 65.1456



Tritanopia

62.8275, 66.4192, 85.1101

Trichromacy



Original Color

58.6663, 66.6569, 63.8069

Protanomaly

61.4156, 66.5834, 61.8395

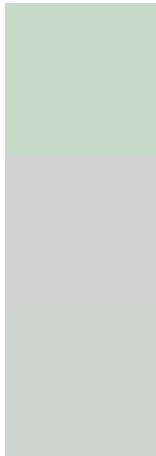
Deuteranomaly

64.2683, 66.4936, 64.7056

Tritanomaly

61.1615, 66.5056, 76.6311

Monochromacy



Original Color

58.6663, 66.6569, 63.8069

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1117, 65.0239, 67.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6663, 66.6569, 63.8069 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(197, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 219, 199)  
}
```

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(197, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 219, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.6663, 66.6569, 63.8069 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(197, 219, 199) }
```


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

```
.border{ border-color:rgb(197, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 219,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6663, 66.6569, 63.8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 219, 199) }
```

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

```
.background{ background-color: rgb(197,  
219, 199) }
```

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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