

Converting Colors

XYZ(58.5816, 66.6323, 63.1990)

Have a look what the booklet for
XYZ(58.5816, 66.6323, 63.1990)
contains.

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Color

**XYZ(58.5505, 66.6106,
63.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DBC6
RGB	197, 219, 198
RGB Percent	77%, 86%, 78%
CMY	0.2274, 0.1412, 0.2235
CMYK	0.10, 0.00, 0.10, 0.14
HSL	123°, 23%, 82%
HSV	123°, 10%, 86%
XYZ	58.5505, 66.6106, 63.1973
YIQ	210.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

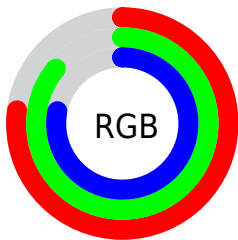
Format	Color
RYB	197, 218, 219
Decimal	12966854
CIELab	85.31, -11.23, 7.84
CIELCh	85, 13.695, 145.097
Yxy	66.6106, 0.3108, 0.3536
Android (android.graphics.Color)	4291156934 (0xFFC5DBC6)
YUV	210.0280, -5.9298, -11.4256
Hunter-Lab	81.6153, -14.7716, 11.2206

Details

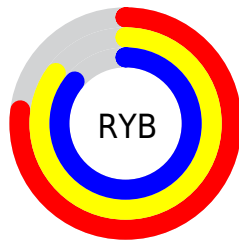
The XYZ color **58.5505, 66.6106, 63.1973** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8369, 60.0561, 74.6656**, and the grayscale version is **61.3192, 64.5126, 70.2542**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.6372, 34.4042, 31.4642** is the 20% darker color. If you saturate the color by 10%, you get **50.9801, 62.9695, 51.1131**, and if you desaturate by 10%, it is **67.2905, 70.8200, 77.0763**.

Distribution



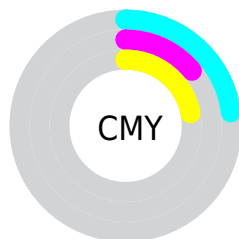
- Red (77%)
- Green (86%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5505, 66.6106, 63.1973 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 58.5505, 66.6106, 63.1973 by changing the saturation by 10% instead.

■ 58.5505, 66.6106,
63.1973

■ 58.5505, 66.6106,
63.1973

409.1550,
448.5574, 454.4128

■ 42.4964, 48.7682,
45.5588

101.8424,
114.3623, 111.0424

■ 29.6830, 34.4357,
31.5517

129.8110,
145.0404, 142.0862

■ 19.7449, 23.2285,
20.7573

162.4816,
180.7658, 178.4354

■ 12.3170, 14.7623,
12.7572

200.2198,
221.9230, 220.5086

■ 7.0337, 8.6527,
7.1328

243.3909,
268.8964, 268.7245

■ 3.5297, 4.5154,
3.4656

292.3602,

■ 1.4397, 1.9658,

322.0703, 323.5014

1.3370

347.4931,
381.8292, 385.2580

■ 0.2842, 0.5875,
0.0918

■ 0.0000, 0.0000,
0.0000

■ 58.5505, 66.6106,
63.1973

■ 58.5505, 66.6106,
63.1973

■ 50.9801, 62.9695,
51.1131

■ 67.2905, 70.8200,
77.0763

■ 44.5246, 59.8643,
40.7463

■ 77.2411, 75.6117,
92.8144

■ 39.1329, 57.2723,
32.0202

■ 84.6228, 79.1457,
105.4243

■ 34.7479, 55.1659,
24.8509

■ 31.3071, 53.5148,
19.1467

■ 28.7411, 52.2854,
14.8068

■ 26.9710, 51.4394,
11.7172

■ 25.9035, 50.9316,
9.7457

■ 25.3874, 50.6875,
8.7316

Harmonies

Analogous

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



60.8182, 66.6106, 58.1490



58.5505, 66.6106, 63.1973



57.5597, 66.6106, 71.0793

Triad

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



58.5505, 66.6106, 63.1973



62.8036, 66.6106, 90.8881



68.8606, 66.6106, 65.5294

Complementary

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



58.5505, 66.6106, 63.1973



61.8369, 60.0561, 74.6656

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.



69.4340, 66.6106, 73.9955



58.5505, 66.6106, 63.1973



65.8718, 66.6106, 89.1003

Square

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



58.5505, 66.6106, 63.1973



59.9637, 66.6106, 87.4382



68.3236, 66.6106, 82.7338



66.7814, 66.6106, 59.4165

Rectangle

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



58.5505, 66.6106, 63.1973



57.7324, 66.6106, 77.0625



68.3236, 66.6106, 82.7338



69.2387, 66.6106, 68.1743

Sweetspot

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



58.5523, 66.6134, 63.1988



91.1378, 98.1164, 102.6963



64.4057, 69.6443, 62.8722



19.2891, 20.8959, 21.6350



0.0000, 0.0000, 0.0000



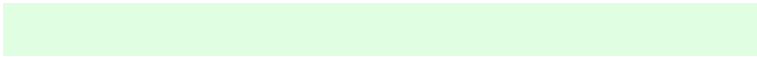
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5523, 66.6134, 63.1988



80.3235, 92.9108, 85.5017



59.8351, 67.1266, 69.9538



12.9104, 14.6158, 13.9911



15.0636, 30.0581, 5.2343



0.9845, 1.9508, 0.3846

Inverse Universe

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



61.8369, 60.0561, 74.6656



85.8300, 81.9173, 104.7255



60.4769, 59.5121, 67.5040



13.5875, 13.2641, 16.3549



24.1607, 11.6653, 36.8218



1.5733, 0.7590, 2.4280

Previews

White Background



This preview shows how the XYZ color 58.5505, 66.6106, 63.1973 looks on a white background.

Color Contrast Check

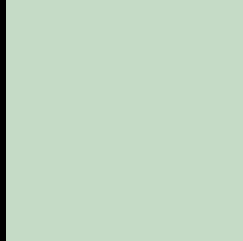
Large Text (above 18pt) WCAG AA × Fail

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 58.5505, 66.6106, 63.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

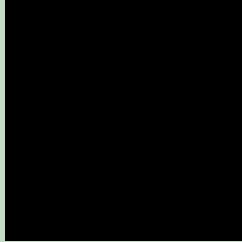
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

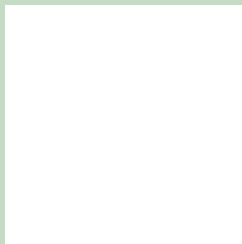
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5505, 66.6106, 63.1973

Background



This preview shows how black text looks on a background with the XYZ color 58.5505, 66.6106, 63.1973.

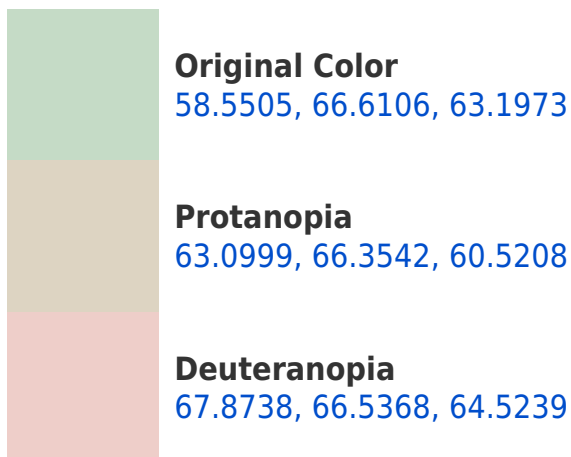


This preview shows how white text looks on a background with the XYZ color 58.5505, 66.6106,

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

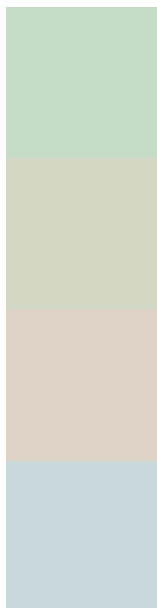




Tritanopia

62.8275, 66.4192, 85.1101

Trichromacy



Original Color

58.5505, 66.6106, 63.1973

Protanomaly

61.3021, 66.5381, 61.2419

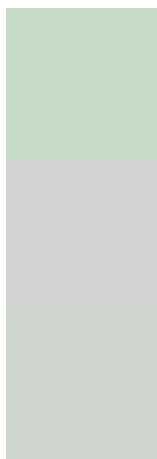
Deuteranomaly

64.1510, 66.4466, 64.0879

Tritanomaly

61.1615, 66.5056, 76.6311

Monochromacy



Original Color

58.5505, 66.6106, 63.1973

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 58.5505, 66.6106, 63.1973 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 219, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 219, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.5505, 66.6106, 63.1973 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, 198) }
```


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

```
.border{ border-color:rgb(197, 219, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 219,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5505, 66.6106, 63.1973 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, 198) }
```

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

```
.background{ background-color: rgb(197,  
219, 198) }
```

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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