

Converting Colors

XYZ(59.2153, 66.6358, 67.0673)

Have a look what the booklet for
XYZ(59.2153, 66.6358, 67.0673)
contains.

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Color

**XYZ(58.9964, 66.3728,
66.8285)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C5DACC |
| RGB | 197, 218, 204 |
| RGB Percent | 77%, 85%, 80% |
| CMY | 0.2274, 0.1451, 0.2000 |
| CMYK | 0.10, 0.00, 0.06, 0.15 |
| HSL | 140°, 22%, 81% |
| HSV | 140°, 10%, 85% |
| XYZ | 58.9964, 66.3728, 66.8285 |
| YIQ | 210.1250, -8.0220, -8.8060 |

Conversions

Conversions Part 2

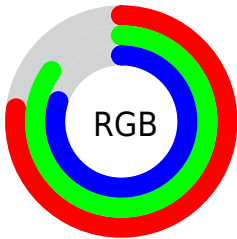
| Format | Color |
|-------------------------------------|---|
| RYB | 197, 213, 218 |
| Decimal | 12966604 |
| CIELab | 85.19, -9.63, 4.49 |
| CIELCh | 85, 10.630, 155.002 |
| Yxy | 66.3728, 0.3070, 0.3453 |
| Android (android.graphics.Color) | 4291156684 (0xFFC5DACC) |
| YUV | 210.1250, -3.0196, -11.5106 |
| Hunter-Lab | 81.4695, -13.3103, 8.3937 |

Details

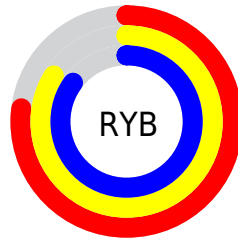
The XYZ color **58.9964, 66.3728, 66.8285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6399, 59.5426, 69.9279**, and the grayscale version is **61.3652, 64.5609, 70.3068**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.9299, 34.2360, 33.8849** is the 20% darker color. If you saturate the color by 10%, you get **52.0331, 62.9771, 57.8237**, and if you desaturate by 10%, it is **66.9517, 70.2648, 76.7319**.

Distribution



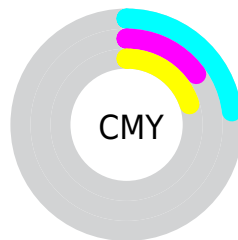
- Red (77%)
- Green (85%)
- Blue (80%)



- Red (77%)
- Yellow (84%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9964, 66.3728, 66.8285 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 58.9964, 66.3728, 66.8285 by changing the saturation by 10% instead.

■ 58.9964, 66.3728,
66.8285

■ 58.9964, 66.3728,
66.8285

410.7828,
447.7090, 467.8189

■ 42.8566, 48.5751,
48.4845

102.4871,
114.0212, 116.3129

■ 29.9666, 34.2825,
33.8481

130.5687,
144.6408, 148.2905

■ 19.9612, 23.1107,
22.5005

163.3615,
180.3030, 185.6497

■ 12.4750, 14.6753,
14.0233

201.2311,
221.3924, 228.8091

■ 7.1425, 8.5918,
7.9979

244.5426,
268.2933, 278.1871

■ 3.5985, 4.4759,
4.0059

293.6615,

■ 1.4776, 1.9432,

321.3901, 334.2024

1.6286

348.9531,
381.0672, 397.2735

■ 0.3105, 0.5741,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 58.9964, 66.3728,
66.8285

■ 58.9964, 66.3728,
66.8285

■ 52.0331, 62.9771,
57.8237

■ 66.9517, 70.2648,
76.7319

■ 46.0165, 60.0492,
49.6879

■ 75.9308, 74.6635,
87.5533

■ 40.9060, 57.5708,
42.3967

■ 83.1948, 78.1583,
99.1875

■ 36.6558, 55.5186,
35.9225

■ 84.3627, 78.6254,
105.3376

■ 33.2161, 53.8677,
30.2365

■ 30.5316, 52.5901,
25.3079

■ 28.5397, 51.6542,
21.1040

■ 27.1670, 51.0229,
17.5894

■ 26.2916, 50.6341,
14.7241

Harmonies

Analogous

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



60.4763, 66.3728, 61.9786



58.9964, 66.3728, 66.8285



58.6008, 66.3728, 73.4265

Triad

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



58.9964, 66.3728, 66.8285



63.4884, 66.3728, 86.2440



66.9398, 66.3728, 64.9529

Complementary

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



58.9964, 66.3728, 66.8285



60.6399, 59.5426, 69.9279

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.



67.7930, 66.3728, 71.1231



58.9964, 66.3728, 66.8285



65.7684, 66.3728, 83.6391

Square

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



58.9964, 66.3728, 66.8285



61.1560, 66.3728, 84.9151



67.3590, 66.3728, 77.9964



65.0548, 66.3728, 60.9447

Rectangle

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



58.9964, 66.3728, 66.8285



58.9965, 66.3728, 77.9971



67.3590, 66.3728, 77.9964



67.3589, 66.3728, 66.8279

Sweetspot

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



58.9983, 66.3756, 66.8300



91.4809, 98.2537, 104.5033



62.1164, 68.0779, 62.6905



19.3813, 20.9328, 22.1208



0.0000, 0.0000, 0.0000



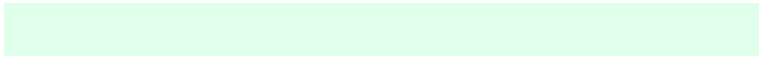
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9983, 66.3756, 66.8300



81.5621, 93.4063, 92.0240



60.2563, 66.8788, 73.4548



13.0646, 14.6775, 14.8033



15.7788, 30.3442, 9.0008



1.0615, 1.9815, 0.7897

Inverse Universe

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



60.6399, 59.5426, 69.9279



84.4544, 81.3670, 97.4814



59.4067, 59.0493, 63.4336



13.4203, 13.1972, 15.4744



20.4518, 10.1817, 17.2909



1.3643, 0.6754, 1.3274

Previews

White Background



This preview shows how the XYZ color 58.9964, 66.3728, 66.8285 looks on a white background.

Color Contrast Check

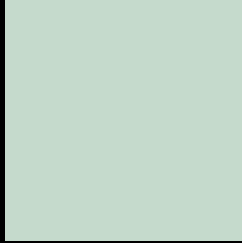
Large Text (above 18pt) WCAG AA × Fail

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 58.9964, 66.3728, 66.8285 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

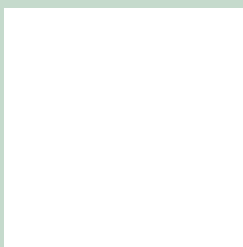
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9964, 66.3728, 66.8285

Background



This preview shows how black text looks on a background with the XYZ color 58.9964, 66.3728, 66.8285.

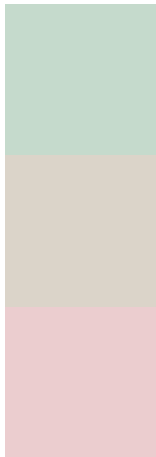


This preview shows how white text looks on a background with the XYZ color 58.9964, 66.3728,

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

58.9964, 66.3728, 66.8285

Protanopia

63.2995, 66.3641, 64.7316

Deuteranopia

67.3548, 65.8298, 68.1879



Tritanopia

62.5578, 66.2802, 85.0975

Trichromacy



Original Color

58.9964, 66.3728, 66.8285

Protanomaly

61.5712, 66.2063, 65.4111

Deuteranomaly

64.0060, 65.9216, 67.7432

Tritanomaly

61.1710, 66.1007, 77.9413

Monochromacy



Original Color

58.9964, 66.3728, 66.8285

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3563, 65.1217, 69.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9964, 66.3728, 66.8285 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, 218, 204) looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 204)  
}
```

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, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.9964, 66.3728, 66.8285 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, 218, 204) }
```


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

```
.border{ border-color:rgb(197, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9964, 66.3728, 66.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 204) }
```

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

```
.background{ background-color: rgb(197,  
218, 204) }
```

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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