

Converting Colors

XYZ(59.8475, 65.8883, 73.8533)

Have a look what the booklet for
XYZ(59.8475, 65.8883, 73.8533)
contains.

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Color

**XYZ(59.8476, 65.8883,
73.8534)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C5D8D7 |
| RGB | 197, 216, 215 |
| RGB Percent | 77%, 85%, 84% |
| CMY | 0.2274, 0.1529, 0.1569 |
| CMYK | 0.09, 0.00, 0.00, 0.15 |
| HSL | 177°, 20%, 81% |
| HSV | 177°, 9%, 85% |
| XYZ | 59.8476, 65.8883, 73.8534 |
| YIQ | 210.2050, -11.0030, -4.3390 |

Conversions

Conversions Part 2

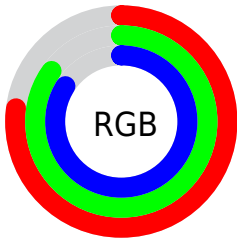
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 197, 207, 216 |
| Decimal | 12966103 |
| CIE Lab | 84.94, -6.53, -1.69 |
| CIE LCh | 85, 6.745, 194.524 |
| Yxy | 65.8883, 0.2999, 0.3301 |
| Android (android.graphics.Color) | 4291156183 (0xFFC5D8D7) |
| YUV | 210.2050, 2.3639, -11.5808 |
| Hunter-Lab | 81.1716, -10.4428, 2.8755 |

Details

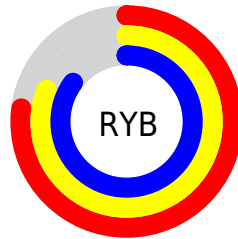
The XYZ color **59.8476, 65.8883, 73.8534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4806, 58.6105, 61.6599**, and the grayscale version is **61.3849, 64.5817, 70.3294**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.4177, 33.8674, 38.1916** is the 20% darker color. If you saturate the color by 10%, you get **54.4464, 63.1226, 72.8397**, and if you desaturate by 10%, it is **66.0640, 69.0778, 74.9133**.

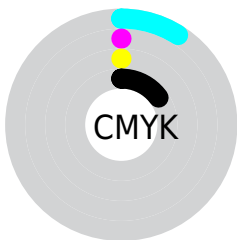
Distribution



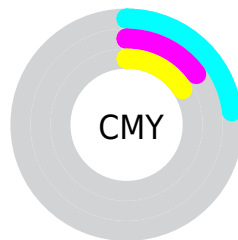
- Red (77%)
- Green (85%)
- Blue (84%)



- Red (77%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8476, 65.8883, 73.8534 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 59.8476, 65.8883, 73.8534 by changing the saturation by 10% instead.

■ 59.8476, 65.8883,
73.8534

■ 59.8476, 65.8883,
73.8534

413.8796,
445.9773, 493.1171

■ 43.5448, 48.1817,
54.1780

103.7162,
113.3260, 126.4201

■ 30.5092, 33.9708,
38.3498

132.0126,
143.8259, 160.1485

■ 20.3754, 22.8712,
25.9504

165.0377,
179.3591, 199.3982

■ 12.7780, 14.4984,
16.5611

203.1567,
220.3099, 244.5880

■ 7.3518, 8.4681,
9.7634

246.7351,
267.0627, 296.1362

■ 3.7314, 4.3959,
5.1388

296.1381,

■ 1.5513, 1.8974,

320.0020, 354.4614

2.2688

351.7311,
379.5120, 419.9822

■ 0.3604, 0.5468,
0.7137

■ 0.0000, 0.0000,
0.0000

■ 59.8476, 65.8883,
73.8534

■ 59.8476, 65.8883,
73.8534

■ 54.4464, 63.1226,
72.8397

■ 66.0640, 69.0778,
74.9133

■ 49.8205, 60.7546,
71.8663

■ 73.1223, 72.6994,
76.0165


■ 45.9350, 58.7682,
70.9329


■ 78.5073, 75.4582,
77.0468


■ 42.7502, 57.1429,
70.0375


■ 78.6574, 75.5183,
77.8375


 40.2227, 55.8563,
69.1782


 78.8086, 75.5787,
78.6336


 38.3041, 54.8835,
68.3526

 78.9608, 75.6396,
79.4351


 36.9396, 54.1963,
67.5583

 79.1141, 75.7009,
80.2421

 36.0644, 53.7611,
66.7921

 79.2683, 75.7626,
81.0545

 35.5776, 53.5261,
66.0493

 79.4237, 75.8247,
81.8724

Harmonies

Analogous

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



59.8597, 65.8883, 69.5385



59.8476, 65.8883, 73.8534



60.5713, 65.8883, 77.7503

Triad

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



59.8476, 65.8883, 73.8534



64.6894, 65.8883, 77.8537



63.4052, 65.8883, 63.9991

Complementary

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



59.8476, 65.8883, 73.8534



58.4806, 58.6105, 61.6599

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.



64.7243, 65.8883, 66.0499



59.8476, 65.8883, 73.8534



65.4738, 65.8883, 73.9899

Square

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



59.8476, 65.8883, 73.8534



63.3581, 65.8883, 80.1223



65.4867, 65.8883, 69.6696



61.8973, 65.8883, 63.9659

Rectangle

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



59.8476, 65.8883, 73.8534



61.3805, 65.8883, 79.5376



65.4867, 65.8883, 69.6696



63.8859, 65.8883, 64.4716

Sweetspot

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



59.8495, 65.8911, 73.8549



92.2264, 98.5519, 108.4288



57.9950, 65.1878, 62.3504



19.5827, 21.0134, 23.1815



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.



59.8495, 65.8911, 73.8549



85.2353, 94.9678, 107.2011



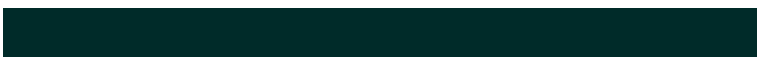
57.9216, 61.8285, 73.8502



12.7626, 14.0960, 15.8300



21.0412, 31.6718, 39.1081



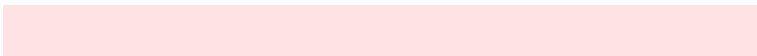
1.2780, 1.9138, 2.4055

Inverse Universe

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



58.4806, 58.6105, 61.6599



82.7589, 81.7962, 85.1390



60.2865, 62.4068, 61.6928



12.4496, 12.4313, 13.0417



16.8113, 8.6609, 1.0446



1.0235, 0.5262, 0.1133

Previews

White Background



This preview shows how the XYZ color 59.8476, 65.8883, 73.8534 looks on a white background.

Color Contrast Check

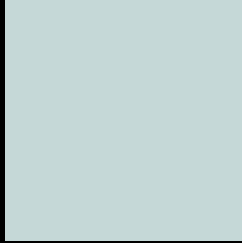
Large Text (above 18pt) WCAG AA × Fail

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 59.8476, 65.8883, 73.8534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

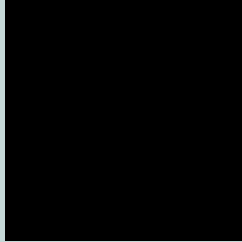
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

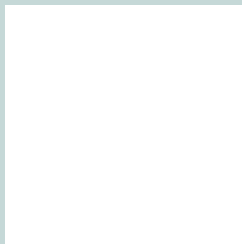
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8476, 65.8883, 73.8534

Background



This preview shows how black text looks on a background with the XYZ color 59.8476, 65.8883, 73.8534.

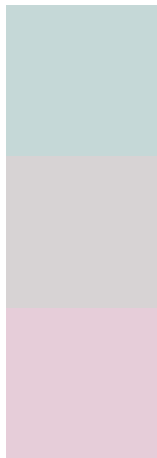


This preview shows how white text looks on a background with the XYZ color 59.8476, 65.8883,

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

59.8476, 65.8883, 73.8534

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

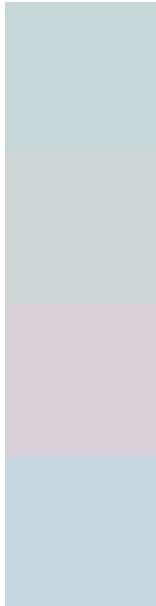
66.9888, 65.4954, 74.7568



Tritanopia

62.2898, 66.1420, 85.0850

Trichromacy



Original Color

59.8476, 65.8883, 73.8534

Protanomaly

61.8169, 65.8025, 72.3938

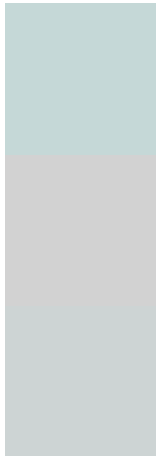
Deuteranomaly

64.1086, 65.4642, 74.2227

Tritanomaly

61.4442, 66.1792, 80.7696

Monochromacy



Original Color

59.8476, 65.8883, 73.8534

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6040, 64.8196, 71.6046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8476, 65.8883, 73.8534 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, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 215)  
}
```

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, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.8476, 65.8883, 73.8534 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, 216, 215) }
```


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

```
.border{ border-color:rgb(197, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 216, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 216, 215); box-shadow:4px 4px 4px 4px rgb(197, 216, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8476, 65.8883, 73.8534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 215) }
```

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

```
.background{ background-color: rgb(197,  
216, 215) }
```

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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