

Converting Colors

XYZ(58.4996, 66.6607, 65.0191)

Have a look what the booklet for
XYZ(58.4996, 66.6607, 65.0191)
contains.

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Color

**XYZ(58.3798, 66.4822,
65.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DBC9
RGB	195, 219, 201
RGB Percent	76%, 86%, 79%
CMY	0.2353, 0.1412, 0.2118
CMYK	0.11, 0.00, 0.08, 0.14
HSL	135°, 25%, 81%
HSV	135°, 11%, 86%
XYZ	58.3798, 66.4822, 65.0137
YIQ	209.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

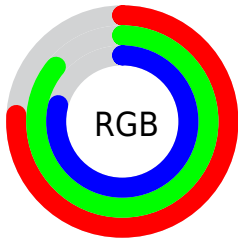
Format	Color
R _Y B	195, 214, 219
Decimal	12835785
CIE Lab	85.24, -11.37, 6.14
CIE LCh	85, 12.918, 151.617
Yxy	66.4822, 0.3075, 0.3501
Android (android.graphics.Color)	4291025865 (0xFFC3DBC9)
YUV	209.7720, -4.3246, -12.9550
Hunter-Lab	81.5366, -14.8840, 9.8004

Details

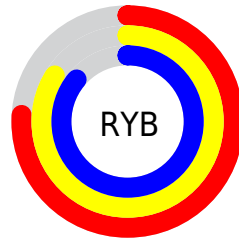
The XYZ color **58.3798, 66.4822, 65.0137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7412, 58.8960, 71.1206**, and the grayscale version is **61.1420, 64.3262, 70.0512**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.5264, 34.3202, 32.6720** is the 20% darker color. If you saturate the color by 10%, you get **51.3009, 63.0462, 55.1297**, and if you desaturate by 10%, it is **66.4990, 70.4343, 76.0279**.

Distribution



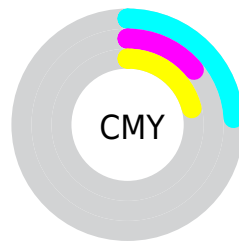
- Red (76%)
- Green (86%)
- Blue (79%)



- Red (76%)
- Yellow (84%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3798, 66.4822, 65.0137 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 58.3798, 66.4822, 65.0137 by changing the saturation by 10% instead.

■ 58.3798, 66.4822,
65.0137

■ 58.3798, 66.4822,
65.0137

408.5308,
448.0994, 461.1488

■ 42.3585, 48.6639,
47.0208

■ 101.5955,
114.1781, 113.6830

■ 29.5744, 34.3530,
32.6976

129.5207,
144.8246, 145.1965

■ 19.6623, 23.1649,
21.6257

162.1445,
180.5160, 182.0539

■ 12.2566, 14.7153,
13.3864

199.8323,
221.6366, 224.6738

■ 6.9921, 8.6198,
7.5613

242.9494,
268.5708, 273.4746

■ 3.5035, 4.4941,
3.7318

291.8613,

■ 1.4253, 1.9536,

321.7031, 328.8751

1.4794

346.9333,
381.4178, 391.2936

■ 0.2741, 0.5803,
0.2025

■ 0.0000, 0.0000,
0.0000

■ 58.3798, 66.4822,
65.0137

■ 58.3798, 66.4822,
65.0137

■ 51.3009, 63.0462,
55.1297

■ 66.4990, 70.4343,
76.0279

■ 45.2144, 60.0969,
46.3357

■ 75.6930, 74.9141,
88.2021

■ 40.0766, 57.6142,
38.5956

■ 83.8720, 78.8453,
101.4707

■ 35.8385, 55.5739,
31.8696

■ 84.6228, 79.1456,
105.4243

■ 32.4466, 53.9492,
26.1155

■ 29.8416, 52.7104,
21.2878

■ 27.9558, 51.8237,
17.3378

■ 26.7099, 51.2493,
14.2117

■ 26.0163, 50.9390,
12.0435

Harmonies

Analogous

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



60.2930, 66.4822, 59.5464



58.3798, 66.4822, 65.0137



57.7443, 66.4822, 72.8422

Triad

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



58.3798, 66.4822, 65.0137



63.3478, 66.4822, 89.6703



68.0895, 66.4822, 64.2854

Complementary

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



58.3798, 66.4822, 65.0137



60.7412, 58.8960, 71.1206

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.



68.9663, 66.4822, 71.9354



58.3798, 66.4822, 65.0137



66.1770, 66.4822, 86.9542

Square

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



58.3798, 66.4822, 65.0137



60.5591, 66.4822, 87.4676



68.2560, 66.4822, 80.2995



65.8946, 66.4822, 59.1492

Rectangle

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



58.3798, 66.4822, 65.0137



58.1147, 66.4822, 78.4712



68.2560, 66.4822, 80.2995



68.5511, 66.4822, 66.6272

Sweetspot

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



58.3816, 66.4850, 65.0152



91.3812, 98.2138, 103.9780



62.7412, 68.8125, 61.6059



19.3545, 20.9221, 21.9794



0.0000, 0.0000, 0.0000



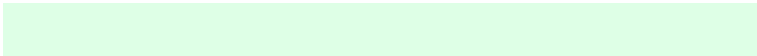
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3816, 66.4850, 65.0152



80.1404, 92.7468, 88.6415



59.7989, 67.0519, 72.4782



13.0194, 14.6594, 14.5650



15.4628, 30.2177, 7.3365



1.0363, 1.9715, 0.6571

Inverse Universe

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



60.7412, 58.8960, 71.1206



84.0658, 80.1206, 98.7981



59.3203, 58.3277, 63.6387



13.4681, 13.2163, 15.7260



21.3551, 10.5431, 22.0480



1.4171, 0.6965, 1.6056

Previews

White Background



This preview shows how the XYZ color 58.3798, 66.4822, 65.0137 looks on a white background.

Color Contrast Check

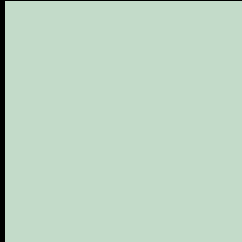
Large Text (above 18pt) WCAG AA × Fail

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 58.3798, 66.4822, 65.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

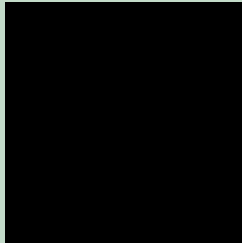
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

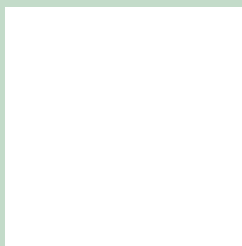
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3798, 66.4822, 65.0137

Background



This preview shows how black text looks on a background with the XYZ color 58.3798, 66.4822, 65.0137.



This preview shows how white text looks on a background with the XYZ color 58.3798, 66.4822, 65.0137.

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

58.3798, 66.4822, 65.0137

Protanopia

63.1367, 66.3338, 62.2994

Deuteranopia

67.3225, 65.8551, 66.2898



Tritanopia

62.6853, 66.7064, 85.9157

Trichromacy



Original Color

58.3798, 66.4822, 65.0137

Protanomaly

61.3574, 66.5270, 63.0332

Deuteranomaly

63.6449, 65.7771, 65.8417

Tritanomaly

60.8957, 66.3380, 78.0016

Monochromacy



Original Color

58.3798, 66.4822, 65.0137

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2336, 65.0726, 68.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3798, 66.4822, 65.0137 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(195, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 201)  
}
```

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(195, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.3798, 66.4822, 65.0137 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(195, 219, 201) }
```


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

```
.border{ border-color:rgb(195, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3798, 66.4822, 65.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 201) }
```

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

```
.background{ background-color: rgb(195,  
219, 201) }
```

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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