

Converting Colors

XYZ(59.7153, 65.9478, 61.3328)

Have a look what the booklet for
XYZ(59.7153, 65.9478, 61.3328)
contains.

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Color

**XYZ(59.8598, 66.1737,
61.2476)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CED8C3 |
| RGB | 206, 216, 195 |
| RGB Percent | 81%, 85%, 76% |
| CMY | 0.1922, 0.1529, 0.2353 |
| CMYK | 0.05, 0.00, 0.10, 0.15 |
| HSL | 89°, 21%, 81% |
| HSV | 89°, 10%, 85% |
| XYZ | 59.8598, 66.1737, 61.2476 |
| YIQ | 210.6160, 0.7810, -8.6510 |

Conversions

Conversions Part 2

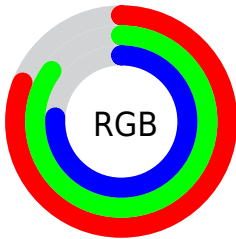
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 216, 205 |
| Decimal | 13555907 |
| CIELab | 85.08, -7.13, 9.19 |
| CIELCh | 85, 11.628, 127.804 |
| Yxy | 66.1737, 0.3196, 0.3533 |
| Android (android.graphics.Color) | 4291745987 (0xFFCED8C3) |
| YUV | 210.6160, -7.6987, -4.0482 |
| Hunter-Lab | 81.3472, -11.0074, 12.3027 |

Details

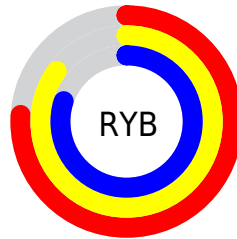
The XYZ color **59.8598, 66.1737, 61.2476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0892, 56.9690, 72.9565**, and the grayscale version is **61.7139, 64.9279, 70.7065**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.5015, 34.0882, 30.1714** is the 20% darker color. If you saturate the color by 10%, you get **54.8292, 63.8443, 49.1724**, and if you desaturate by 10%, it is **65.4344, 68.7465, 75.1953**.

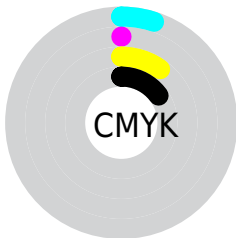
Distribution



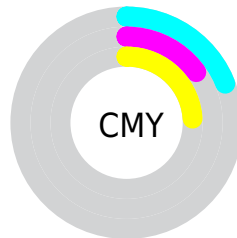
- Red (81%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8598, 66.1737, 61.2476 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 59.8598, 66.1737, 61.2476 by changing the saturation by 10% instead.

■ 59.8598, 66.1737,
61.2476

■ 59.8598, 66.1737,
61.2476

413.9238,
446.9978, 447.1129

■ 43.5547, 48.4134,
43.9932

103.7338,
113.7356, 108.1984

■ 30.5170, 34.1544,
30.3280

132.0333,
144.3060, 138.7318

■ 20.3813, 23.0122,
19.8335

165.0617,
179.9153, 174.5286

■ 12.7824, 14.6025,
12.0912

203.1843,
220.9477, 216.0074

■ 7.3548, 8.5409,
6.6825

246.7665,
267.7878, 263.5867

■ 3.7333, 4.4430,
3.1889

296.1735,

■ 1.5524, 1.9243,

320.8200, 317.6850

1.1919

351.7709,
380.4285, 378.7209

■ 0.3611, 0.5629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8598, 66.1737,
61.2476

■ 59.8598, 66.1737,
61.2476

■ 54.8292, 63.8443,
49.1724

■ 65.4344, 68.7465,
75.1953

■ 50.3185, 61.7420,
38.8855

■ 71.5652, 71.5617,
91.0860

■ 46.3096, 59.8612,
30.3032

■ 77.4876, 74.3159,
104.8681

■ 42.7813, 58.1929,
23.3328

■ 81.0196, 76.1367,
105.0334

■ 39.7105, 56.7275,
17.8732

■ 83.8472, 77.5944,
105.1657

■ 37.0719, 55.4544,
13.8116

■ 34.8367, 54.3616,
11.0198

■ 32.9719, 53.4354,
9.3453

■ 31.4228, 52.6534,
8.5241

Harmonies

Analogous

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



62.2149, 66.1737, 58.6879



59.8598, 66.1737, 61.2476



58.3481, 66.1737, 66.7400

Triad

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



59.8598, 66.1737, 61.2476



61.0129, 66.1737, 86.2462



68.0180, 66.1737, 70.1115

Complementary

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



59.8598, 66.1737, 61.2476



57.0892, 56.9690, 72.9565

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.



67.6746, 66.1737, 77.6384



59.8598, 66.1737, 61.2476



63.5823, 66.1737, 87.3047

Square

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



59.8598, 66.1737, 61.2476



59.0008, 66.1737, 81.2579



66.0334, 66.1737, 84.0575



66.9592, 66.1737, 63.5689

Rectangle

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



59.8598, 66.1737, 61.2476



57.9973, 66.1737, 71.5007



66.0334, 66.1737, 84.0575



68.0633, 66.1737, 72.6060

Sweetspot

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



59.8616, 66.1766, 61.2490



92.5147, 98.8325, 102.4797



59.9552, 62.1085, 60.4589



19.6596, 21.0886, 21.5769



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.



59.8616, 66.1766, 61.2490



85.3486, 95.5233, 84.7453



57.0951, 64.7504, 61.1196



12.8768, 14.2127, 13.2254



18.7000, 31.2165, 5.0398



1.2232, 1.9320, 0.3084

Inverse Universe

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



57.0892, 56.9690, 72.9565



80.4014, 79.0929, 105.6366



60.0248, 58.4824, 73.0938



12.2997, 12.2959, 15.6626



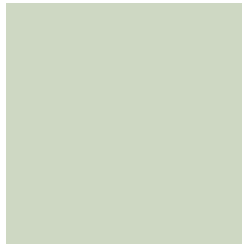
10.7621, 4.7006, 38.7932



0.7443, 0.3326, 2.3443

Previews

White Background



This preview shows how the XYZ color 59.8598, 66.1737, 61.2476 looks on a white background.

Color Contrast Check

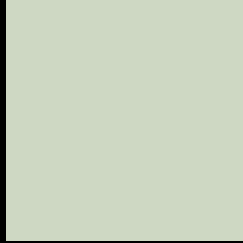
Large Text (above 18pt) WCAG AA × Fail

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 59.8598, 66.1737, 61.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

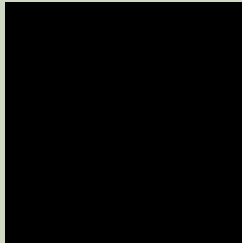
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

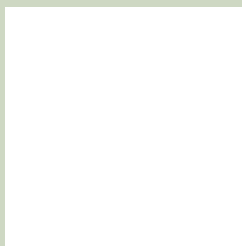
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8598, 66.1737, 61.2476

Background



This preview shows how black text looks on a background with the XYZ color 59.8598, 66.1737, 61.2476.



This preview shows how white text looks on a background with the XYZ color 59.8598, 66.1737,

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

59.8598, 66.1737, 61.2476

Protanopia

62.9879, 66.3094, 59.9312

Deuteranopia

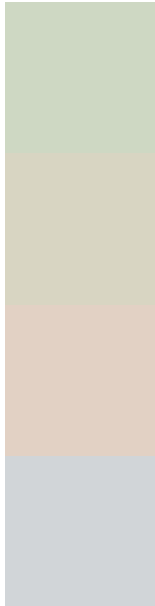
67.1693, 65.8710, 61.9975



Tritanopia

64.1618, 66.0389, 82.7639

Trichromacy



Original Color

59.8598, 66.1737, 61.2476

Protanomaly

61.8508, 66.0825, 60.5342

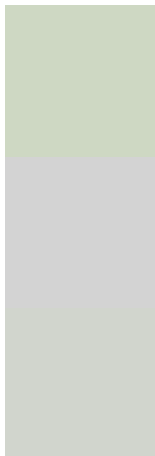
Deuteranomaly

64.1283, 65.7552, 61.5367

Tritanomaly

62.4834, 66.1017, 74.4314

Monochromacy



Original Color

59.8598, 66.1737, 61.2476

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1082, 65.5516, 67.1896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8598, 66.1737, 61.2476 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(206, 216, 195) looks like.

```
.text, #text, p{  
    color:rgb(206, 216, 195)  
}
```

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(206, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 216, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.8598, 66.1737, 61.2476 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(206, 216, 195) }
```


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

```
.border{ border-color:rgb(206, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 216,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8598, 66.1737, 61.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 216, 195) }
```

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

```
.background{ background-color: rgb(206,  
216, 195) }
```

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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