

Converting Colors

XYZ(60.7613, 66.5988, 63.0785)

Have a look what the booklet for
XYZ(60.7613, 66.5988, 63.0785)
contains.

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Color

**XYZ(60.7613, 66.5988,
63.0785)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D0D8C6 |
| RGB | 208, 216, 198 |
| RGB Percent | 82%, 85%, 78% |
| CMY | 0.1843, 0.1529, 0.2235 |
| CMYK | 0.04, 0.00, 0.08, 0.15 |
| HSL | 87°, 19%, 81% |
| HSV | 87°, 8%, 85% |
| XYZ | 60.7613, 66.5988, 63.0785 |
| YIQ | 211.5560, 1.0100, -7.2940 |

Conversions

Conversions Part 2

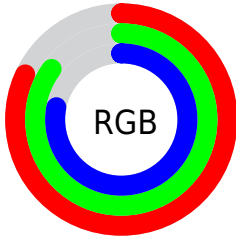
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 216, 206 |
| Decimal | 13686982 |
| CIELab | 85.30, -5.92, 7.93 |
| CIELCh | 85, 9.895, 126.729 |
| Yxy | 66.5988, 0.3191, 0.3497 |
| Android (android.graphics.Color) | 4291877062 (0xFFD0D8C6) |
| YUV | 211.5560, -6.6831, -3.1186 |
| Hunter-Lab | 81.6081, -9.9120, 11.2978 |

Details

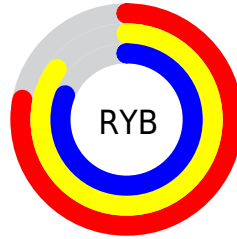
The XYZ color **60.7613, 66.5988, 63.0785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0450, 58.4697, 73.1957**, and the grayscale version is **62.3286, 65.5746, 71.4107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1053, 34.3734, 31.3809** is the 20% darker color. If you saturate the color by 10%, you get **55.8271, 64.3247, 50.7562**, and if you desaturate by 10%, it is **66.2180, 69.1051, 77.2828**.

Distribution



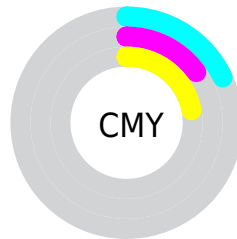
- Red (82%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7613, 66.5988, 63.0785 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 60.7613, 66.5988, 63.0785 by changing the saturation by 10% instead.

■ 60.7613, 66.5988,
63.0785

■ 60.7613, 66.5988,
63.0785

417.1882,
448.5154, 453.9701

■ 44.2844, 48.7587,
45.4633

105.0333,
114.3453, 110.8694

■ 31.0930, 34.4281,
31.4769

133.5591,
145.0205, 141.8822

■ 20.8218, 23.2226,
20.7008

166.8319,
180.7429, 178.1980

■ 13.1056, 14.7580,
12.7163

205.2170,
221.8967, 220.2353

■ 7.5788, 8.6497,
7.1051

249.0799,
268.8665, 268.4126

■ 3.8761, 4.5134,
3.4485

298.7858,

■ 1.6323, 1.9647,

322.0366, 323.1485

1.3279

354.7001,
381.7914, 384.8615

■ 0.4133, 0.5868,
0.0845

■ 0.0000, 0.0000,
0.0000

■ 60.7613, 66.5988,
63.0785

■ 60.7613, 66.5988,
63.0785

■ 55.8271, 64.3247,
50.7562

■ 66.2180, 69.1051,
77.2828

■ 51.3922, 62.2668,
40.2327

■ 72.2087, 71.8420,
93.4390

■ 47.4393, 60.4199,
31.4248

■ 77.4690, 74.3063,
104.8672

■ 43.9482, 58.7755,
24.2411

■ 80.7585, 76.0021,
105.0212

■ 40.8968, 57.3245,
18.5819

■ 83.8472, 77.5943,
105.1657

■ 38.2608, 56.0569,
14.3364

■ 36.0131, 54.9613,
11.3785

■ 34.1221, 54.0247,
9.5603

■ 32.5425, 53.2286,
8.6623

Harmonies

Analogous

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



62.7973, 66.5988, 60.9506



60.7613, 66.5988, 63.0785



59.4285, 66.5988, 67.7536

Triad

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



60.7613, 66.5988, 63.0785



61.6151, 66.5988, 84.4363



67.6709, 66.5988, 71.0803

Complementary

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



60.7613, 66.5988, 63.0785



58.0450, 58.4697, 73.1957

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.



67.3364, 66.5988, 77.4939



60.7613, 66.5988, 63.0785



63.8057, 66.5988, 85.4562

Square

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



60.7613, 66.5988, 63.0785



59.9133, 66.5988, 80.1379



65.9088, 66.5988, 82.8481



66.8123, 66.5988, 65.3911

Rectangle

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



60.7613, 66.5988, 63.0785



59.1002, 66.5988, 71.8137



65.9088, 66.5988, 82.8481



67.6945, 66.5988, 73.2203

Sweetspot

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



60.7631, 66.6017, 63.0799



92.6024, 98.8777, 102.4838



60.5376, 62.7249, 62.3435



19.6833, 21.1008, 21.5780



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.



60.7631, 66.6017, 63.0799



87.1642, 96.3780, 88.5041



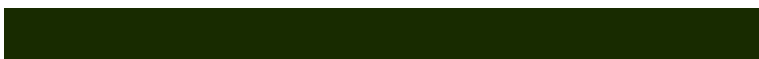
58.3572, 65.3614, 62.9674



12.9154, 14.2326, 13.2272



19.2428, 31.4964, 5.0652



1.2552, 1.9485, 0.3099

Inverse Universe

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



58.0450, 58.4697, 73.1957



82.4278, 82.2078, 106.1310



60.5568, 59.7646, 73.3132



12.2615, 12.2762, 15.6608



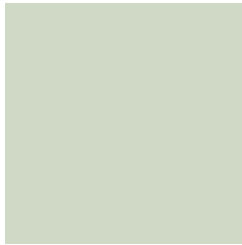
10.3135, 4.4693, 38.7722



0.7164, 0.3182, 2.3430

Previews

White Background



This preview shows how the XYZ color 60.7613, 66.5988, 63.0785 looks on a white background.

Color Contrast Check

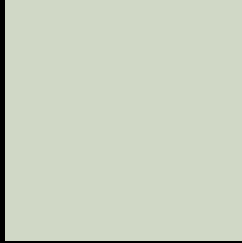
Large Text (above 18pt) WCAG AA × Fail

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 60.7613, 66.5988, 63.0785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

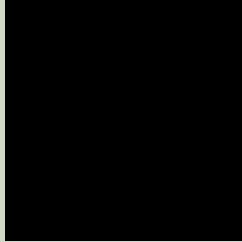
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

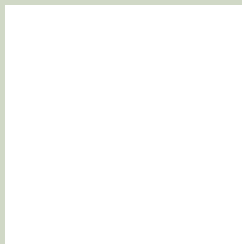
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7613, 66.5988, 63.0785

Background



This preview shows how black text looks on a background with the XYZ color 60.7613, 66.5988, 63.0785.



This preview shows how white text looks on a background with the XYZ color 60.7613, 66.5988,

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

60.7613, 66.5988, 63.0785

Protanopia

63.3261, 66.4446, 61.7120

Deuteranopia

67.7565, 66.4899, 63.9063



Tritanopia

64.9876, 66.8345, 82.8739

Trichromacy



Original Color

60.7613, 66.5988, 63.0785

Protanomaly

62.1912, 66.2186, 62.3270

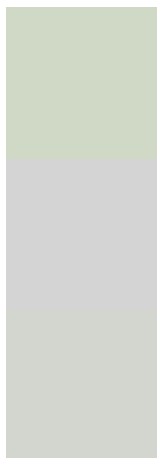
Deuteranomaly

65.0339, 66.5476, 63.4501

Tritanomaly

63.1826, 66.4471, 75.1411

Monochromacy



Original Color

60.7613, 66.5988, 63.0785

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9207, 65.9424, 68.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7613, 66.5988, 63.0785 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(208, 216, 198) looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 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(208, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.7613, 66.5988, 63.0785 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(208, 216, 198) }
```


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

```
.border{ border-color:rgb(208, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7613, 66.5988, 63.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 198) }
```

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

```
.background{ background-color: rgb(208,  
216, 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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