

Converting Colors

XYZ(62.6554, 67.7558, 63.1510)

Have a look what the booklet for
XYZ(62.6554, 67.7558, 63.1510)
contains.

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Color

**XYZ(62.4805, 67.4851,
63.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8C6
RGB	214, 216, 198
RGB Percent	84%, 85%, 78%
CMY	0.1608, 0.1529, 0.2235
CMYK	0.01, 0.00, 0.08, 0.15
HSL	67°, 19%, 81%
HSV	67°, 8%, 85%
XYZ	62.4805, 67.4851, 63.1589
YIQ	213.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

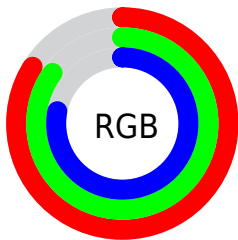
Format	Color
RYB	198, 216, 200
Decimal	14080198
CIELab	85.75, -3.82, 8.63
CIELCh	86, 9.439, 113.880
Yxy	67.4851, 0.3235, 0.3494
Android (android.graphics.Color)	4292270278 (0xFFD6D8C6)
YUV	213.3500, -7.5675, 0.5701
Hunter-Lab	82.1493, -7.9991, 11.9206

Details

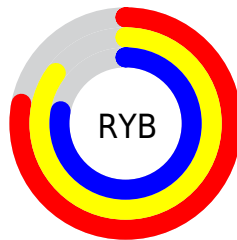
The XYZ color **62.4805, 67.4851, 63.1589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4107, 57.6272, 73.1193**, and the grayscale version is **63.5287, 66.8371, 72.7856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0770, 34.8743, 31.4263** is the 20% darker color. If you saturate the color by 10%, you get **59.4687, 66.2021, 50.9266**, and if you desaturate by 10%, it is **65.8617, 68.9215, 77.2661**.

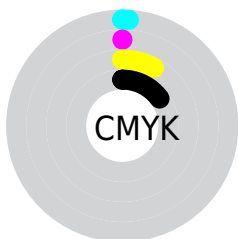
Distribution



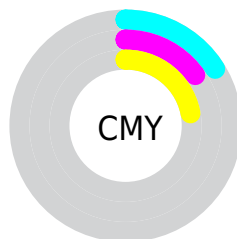
- Red (84%)
- Green (85%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4805, 67.4851, 63.1589 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 62.4805, 67.4851, 63.1589 by changing the saturation by 10% instead.

■ 62.4805, 67.4851,
63.1589

■ 62.4805, 67.4851,
63.1589

423.3713,
451.6695, 454.2698

■ 45.6781, 49.4790,
45.5279

107.5057,
115.6152, 110.9865

■ 32.1955, 34.9996,
31.5275

136.4593,
146.5080, 142.0202

■ 21.6671, 23.6625,
20.7390

170.1939,
182.4651, 178.3587

■ 13.7277, 15.0835,
12.7440

209.0751,
223.8710, 220.4203

■ 8.0120, 8.8780,
7.1238

253.4680,
271.1099, 268.6237

■ 4.1545, 4.6617,
3.4601

303.7381,

■ 1.7899, 2.0502,

324.5664, 323.3873

1.3341

360.2508,
384.6248, 385.1299

■ 0.5116, 0.6364,
0.0895

■ 0.0000, 0.0000,
0.0000

■ 62.4805, 67.4851,
63.1589

■ 62.4805, 67.4851,
63.1589

■ 59.4687, 66.2021,
50.9266

■ 65.8617, 68.9215,
77.2661

■ 56.8058, 65.0577,
40.4860

■ 69.6210, 70.5080,
93.3179

■ 54.4776, 64.0483,
31.7541

■ 72.4913, 71.7402,
104.6343

■ 52.4667, 63.1670,
24.6397

■ 73.2297, 72.1209,
104.6688

■ 50.7541, 62.4063,
19.0432

■ 73.9785, 72.5069,
104.7039

■ 49.3188, 61.7576,
14.8538

■ 74.7379, 72.8984,
104.7394

■ 48.1369, 61.2114,
11.9459

■ 75.5080, 73.2954,
104.7755

■ 47.1801, 60.7564,
10.1714

■ 76.2887, 73.6979,
104.8120

■ 46.4069, 60.3761,
9.3111

■ 77.0801, 74.1058,
104.8490

Harmonies

Analogous

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



64.5851, 67.4851, 62.3059



62.4805, 67.4851, 63.1589



60.8549, 67.4851, 66.7074

Triad

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



62.4805, 67.4851, 63.1589



61.7321, 67.4851, 83.4836



68.3493, 67.4851, 74.7515

Complementary

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



62.4805, 67.4851, 63.1589



56.4107, 57.6272, 73.1193

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.



67.5466, 67.4851, 80.6958



62.4805, 67.4851, 63.1589



63.7021, 67.4851, 85.9156

Square

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



62.4805, 67.4851, 63.1589



60.4296, 67.4851, 78.3869



65.8338, 67.4851, 84.8679



68.0046, 67.4851, 68.7819

Rectangle

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



62.4805, 67.4851, 63.1589



60.2455, 67.4851, 70.2356



65.8338, 67.4851, 84.8679



68.2041, 67.4851, 76.8224

Sweetspot

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



62.4823, 67.4880, 63.1604



93.5300, 99.3559, 102.5272



59.1221, 59.8939, 61.8716



19.9341, 21.2301, 21.5898



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.



62.4823, 67.4880, 63.1604



90.1762, 97.9307, 88.6450



59.9833, 66.1997, 63.0434



13.3304, 14.4465, 13.2466



27.4521, 35.7284, 5.4494



1.6955, 2.1754, 0.3305

Inverse Universe

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



56.4107, 57.6272, 73.1193



79.5966, 80.7482, 105.9985



58.8288, 58.8737, 73.2325



11.8697, 12.0742, 15.6425



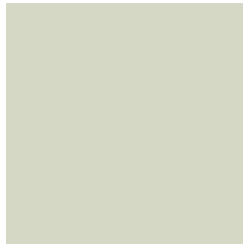
7.6053, 3.0732, 38.6455



0.5029, 0.2081, 2.3330

Previews

White Background



This preview shows how the XYZ color 62.4805, 67.4851, 63.1589 looks on a white background.

Color Contrast Check

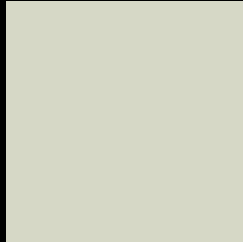
Large Text (above 18pt) WCAG AA × Fail

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 62.4805, 67.4851, 63.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

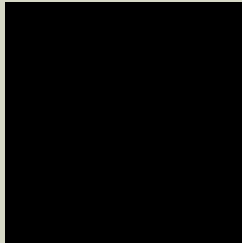
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

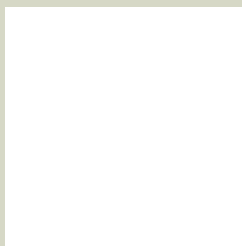
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4805, 67.4851, 63.1589

Background



This preview shows how black text looks on a background with the XYZ color 62.4805, 67.4851, 63.1589.



This preview shows how white text looks on a background with the XYZ color 62.4805, 67.4851, 63.1589.

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

62.4805, 67.4851, 63.1589

Protanopia

63.9965, 67.1493, 62.4115

Deuteranopia

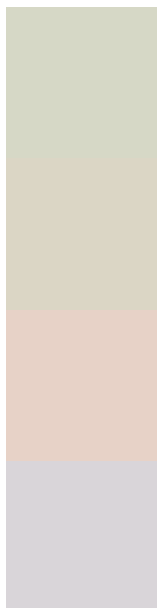
68.6733, 67.3210, 64.0184



Tritanopia

66.4605, 67.5938, 82.9429

Trichromacy



Original Color

62.4805, 67.4851, 63.1589

Protanomaly

63.3380, 67.1844, 62.4529

Deuteranomaly

66.3104, 67.2056, 63.5099

Tritanomaly

64.9339, 67.3500, 75.2231

Monochromacy



Original Color

62.4805, 67.4851, 63.1589

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8723, 66.7933, 69.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4805, 67.4851, 63.1589 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(214, 216, 198) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.4805, 67.4851, 63.1589 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(214, 216, 198) }
```


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

```
.border{ border-color:rgb(214, 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(214, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4805, 67.4851, 63.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 198) }
```

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

```
.background{ background-color: rgb(214,  
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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