

Converting Colors

XYZ(60.4275, 65.3326, 67.6830)

Have a look what the booklet for
XYZ(60.4275, 65.3326, 67.6830)
contains.

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Color

**XYZ(60.3884, 65.1665,
67.7881)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5CE
RGB	206, 213, 206
RGB Percent	81%, 84%, 81%
CMY	0.1922, 0.1647, 0.1922
CMYK	0.03, 0.00, 0.03, 0.16
HSL	120°, 8%, 82%
HSV	120°, 3%, 84%
XYZ	60.3884, 65.1665, 67.7881
YIQ	210.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

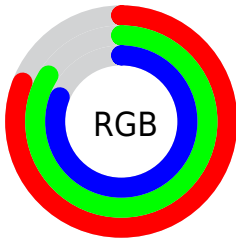
Format	Color
R _Y B	206, 213, 213
Decimal	13555150
CIE Lab	84.57, -3.65, 2.62
CIE LCh	85, 4.491, 144.318
Yxy	65.1665, 0.3123, 0.3371
Android (android.graphics.Color)	4291745230 (0xFFCED5CE)
YUV	210.1090, -2.0257, -3.6036
Hunter-Lab	80.7258, -7.7399, 6.7203

Details

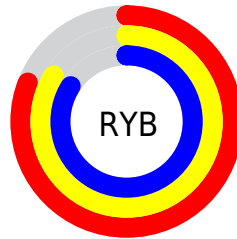
The XYZ color **60.3884, 65.1665, 67.7881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5245, 63.0945, 71.8897**, and the grayscale version is **61.3454, 64.5402, 70.2842**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8433, 33.3961, 34.5262** is the 20% darker color. If you saturate the color by 10%, you get **52.4565, 61.3583, 54.8126**, and if you desaturate by 10%, it is **69.4761, 69.5337, 82.6509**.

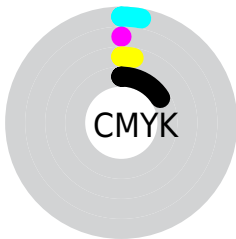
Distribution



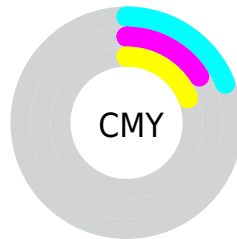
- Red (81%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3884, 65.1665, 67.7881 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 60.3884, 65.1665, 67.7881 by changing the saturation by 10% instead.

■ 60.3884, 65.1665,
67.7881

■ 60.3884, 65.1665,
67.7881

415.8398,
443.3901, 471.3225

■ 43.9824, 47.5961,
49.2598

104.4960,
112.2892, 117.7003

■ 30.8545, 33.5071,
34.4585

132.9284,
142.6103, 149.9212

■ 20.6394, 22.5152,
22.9659

166.1003,
177.9504, 187.5434

■ 12.9716, 14.2360,
14.3632

204.3770,
218.6939, 230.9855

■ 7.4859, 8.2850,
8.2321

248.1240,
265.2253, 280.6658

■ 3.8168, 4.2778,
4.1539

297.7065,

■ 1.5990, 1.8302,

317.9288, 337.0031

1.7102

353.4900,
377.1889, 400.4158

■ 0.3918, 0.5059,
0.3677

■ 0.0000, 0.0000,
0.0000

■ 60.3884, 65.1665,
67.7881

■ 60.3884, 65.1665,
67.7881

■ 52.4565, 61.3583,
54.8126

■ 69.4761, 69.5337,
82.6509

■ 45.6288, 58.0786,
43.6448

■ 79.7576, 74.4724,
99.4678

■ 39.8581, 55.3067,
34.2058

■ 83.0855, 76.0710,
104.9118

■ 35.0916, 53.0171,
26.4093

■ 31.2720, 51.1823,
20.1616

■ 28.3361, 49.7720,
15.3593

■ 26.2131, 48.7523,
11.8867

■ 24.8215, 48.0838,
9.6103

■ 24.0626, 47.7193,
8.3688

Harmonies

Analogous

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



61.1495, 65.1665, 66.0493



60.3884, 65.1665, 67.7881



60.0431, 65.1665, 70.4109

Triad

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



60.3884, 65.1665, 67.7881



61.7484, 65.1665, 76.5835



63.7095, 65.1665, 68.7092

Complementary

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



60.3884, 65.1665, 67.7881



61.5245, 63.0945, 71.8897

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.



63.8740, 65.1665, 71.5024



60.3884, 65.1665, 67.7881



62.7349, 65.1665, 76.0983

Square

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



60.3884, 65.1665, 67.7881



60.8228, 65.1665, 75.5279



63.5155, 65.1665, 74.2195



63.0683, 65.1665, 66.5710

Rectangle

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



60.3884, 65.1665, 67.7881



60.0924, 65.1665, 72.3273



63.5155, 65.1665, 74.2195



63.8227, 65.1665, 69.6006

Sweetspot

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



60.3902, 65.1693, 67.7895



93.7102, 99.3564, 106.7085



62.3782, 66.1942, 67.8824



20.0720, 21.2731, 22.8631



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.



60.3902, 65.1693, 67.7895



89.7974, 97.4769, 100.3085



60.8205, 65.3414, 70.0553



13.1044, 14.3004, 14.5738



14.5346, 29.0692, 4.8450



0.8767, 1.7533, 0.2923

Inverse Universe

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



61.5245, 63.0945, 71.8897



91.8819, 93.6638, 107.8437



61.0847, 62.9185, 69.5737



13.4609, 13.6483, 15.8624



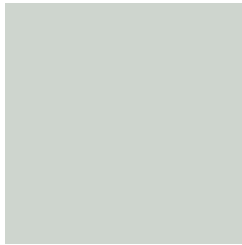
24.0979, 11.5755, 39.4150



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 60.3884, 65.1665, 67.7881 looks on a white background.

Color Contrast Check

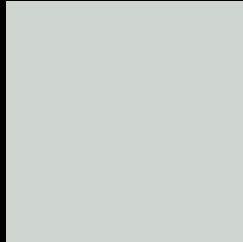
Large Text (above 18pt) WCAG AA × Fail

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 60.3884, 65.1665, 67.7881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

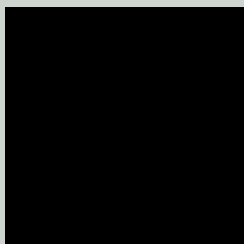
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

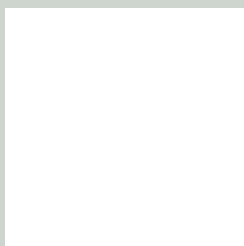
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3884, 65.1665, 67.7881

Background



This preview shows how black text looks on a background with the XYZ color 60.3884, 65.1665, 67.7881.

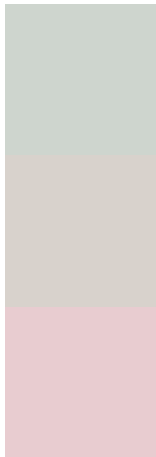


This preview shows how white text looks on a background with the XYZ color 60.3884, 65.1665,

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

60.3884, 65.1665, 67.7881

Protanopia

62.2646, 65.0517, 66.4013

Deuteranopia

66.2567, 64.8956, 68.7085



Tritanopia

63.0686, 65.1395, 81.2006

Trichromacy



Original Color

60.3884, 65.1665, 67.7881

Protanomaly

61.4651, 64.9934, 67.0630

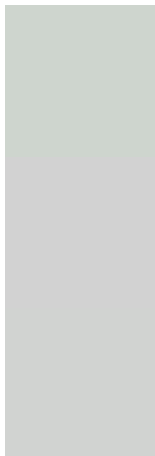
Deuteranomaly

64.0067, 64.8186, 68.1692

Tritanomaly

62.0929, 65.1129, 76.3132

Monochromacy



Original Color

60.3884, 65.1665, 67.7881

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0974, 64.7473, 69.5989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3884, 65.1665, 67.7881 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, 213, 206) looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 206)  
}
```

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, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.3884, 65.1665, 67.7881 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, 213, 206) }
```


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

```
.border{ border-color:rgb(206, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3884, 65.1665, 67.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 206) }
```

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

```
.background{ background-color: rgb(206,  
213, 206) }
```

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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