

Converting Colors

XYZ(57.1021, 64.6140, 60.8604)

Have a look what the booklet for
XYZ(57.1021, 64.6140, 60.8604)
contains.

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Color

**XYZ(57.1711, 64.7876,
61.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D8C3
RGB	196, 216, 195
RGB Percent	77%, 85%, 76%
CMY	0.2314, 0.1529, 0.2353
CMYK	0.09, 0.00, 0.10, 0.15
HSL	117°, 21%, 81%
HSV	117°, 10%, 85%
XYZ	57.1711, 64.7876, 61.1218
YIQ	207.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

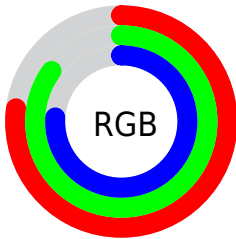
Format	Color
R _{YB}	195, 216, 215
Decimal	12900547
CIE Lab	84.37, -10.58, 8.07
CIE LCh	84, 13.309, 142.646
Yxy	64.7876, 0.3123, 0.3539
Android (android.graphics.Color)	4291090627 (0xFFC4D8C3)
YUV	207.6260, -6.2246, -10.1960
Hunter-Lab	80.4907, -14.0735, 11.3208

Details

The XYZ color **57.1711, 64.7876, 61.1218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9367, 58.4370, 73.0895**, and the grayscale version is **59.7550, 62.8669, 68.4620**.

A 20% lighter version of the original color is **93.8387, 99.4309, 106.3417**, and **28.7079, 33.1636, 30.0875** is the 20% darker color. If you saturate the color by 10%, you get **49.9144, 61.3106, 48.9424**, and if you desaturate by 10%, it is **65.5185, 68.7898, 75.1992**.

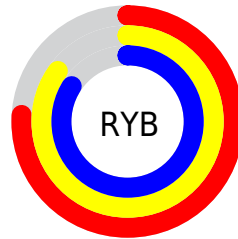
Distribution



Red (77%)

Green (85%)

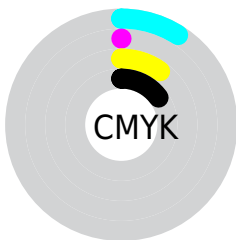
Blue (76%)



Red (76%)

Yellow (85%)

Blue (84%)

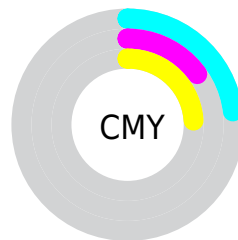


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1711, 64.7876, 61.1218 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 57.1711, 64.7876, 61.1218 by changing the saturation by 10% instead.

■ 57.1711, 64.7876,
61.1218

■ 57.1711, 64.7876,
61.1218

404.0940,
442.0283, 446.6394

■ 41.3833, 47.2889,
43.8923

■ 99.8447, 111.7444,
108.0145

■ 28.8077, 33.2641,
30.2493

127.4613,
141.9713, 138.5148

■ 19.0789, 22.3288,
19.7742

159.7514,
177.2097, 174.2757

■ 11.8317, 14.0987,
12.0486

197.0805,
217.8441, 215.7159

■ 6.7006, 8.1894,
6.6538

239.8140,
264.2587, 263.2538

■ 3.3202, 4.2164,
3.1714

288.3172,

■ 1.3253, 1.7953,

316.8380, 317.3080

1.1828

342.9554,
375.9664, 378.2970

■ 0.2020, 0.4842,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1711, 64.7876,
61.1218

■ 57.1711, 64.7876,
61.1218

■ 49.9144, 61.3106,
48.9424

■ 65.5185, 68.7898,
75.1992

■ 43.6982, 58.3290,
38.5757

■ 74.9935, 73.3290,
91.2464

■ 38.4766, 55.8230,
29.9366

■ 83.8471, 77.5943,
105.1657

■ 34.1978, 53.7678,
22.9311

■ 30.8056, 52.1367,
17.4564

■ 28.2377, 50.9001,
13.3982

■ 26.4238, 50.0245,
10.6260

■ 25.2817, 49.4708,
8.9854

■ 24.6964, 49.1857,
8.2093

Harmonies

Analogous

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



59.4165, 64.7876, 56.5636



57.1711, 64.7876, 61.1218



56.1130, 64.7876, 68.4799

Triad

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



57.1711, 64.7876, 61.1218



60.8541, 64.7876, 87.9458



66.9735, 64.7876, 64.4601

Complementary

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



57.1711, 64.7876, 61.1218



59.9367, 58.4370, 73.0895

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.



67.3882, 64.7876, 72.6464



57.1711, 64.7876, 61.1218



63.7927, 64.7876, 86.6538

Square

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



57.1711, 64.7876, 61.1218



58.1947, 64.7876, 84.2863



66.2071, 64.7876, 80.8850



65.0913, 64.7876, 58.3807

Rectangle

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



57.1711, 64.7876, 61.1218



56.1987, 64.7876, 74.1659



66.2071, 64.7876, 80.8850



67.2915, 64.7876, 67.0394

Sweetspot

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



57.1729, 64.7904, 61.1232



91.2127, 98.1613, 102.4187



62.4598, 67.1177, 61.2938



19.3092, 20.9079, 21.5605



0.0000, 0.0000, 0.0000



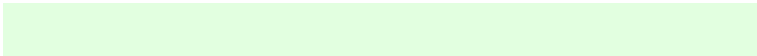
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1729, 64.7904, 61.1232



80.5878, 93.0690, 84.5225



58.0168, 65.0980, 66.9195



12.3165, 13.9239, 13.1991



14.6364, 29.1216, 4.8496



0.9025, 1.7666, 0.2934

Inverse Universe

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



59.9367, 58.4370, 73.0895



85.5196, 81.7315, 105.8761



59.0438, 58.1138, 66.8508



12.8919, 12.6012, 15.6903



22.3834, 10.6916, 39.3371



1.3684, 0.6543, 2.3735

Previews

White Background



This preview shows how the XYZ color 57.1711, 64.7876, 61.1218 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 57.1711, 64.7876, 61.1218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

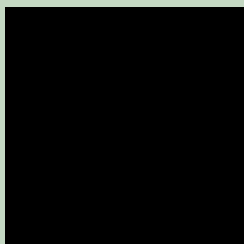
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

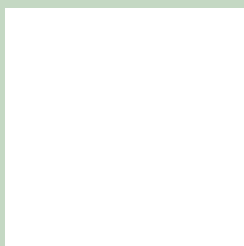
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1711, 64.7876, 61.1218

Background



This preview shows how black text looks on a background with the XYZ color 57.1711, 64.7876, 61.1218.

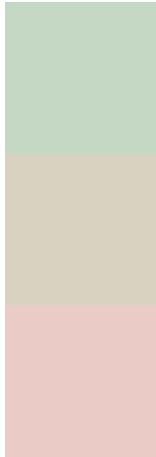


This preview shows how white text looks on a background with the XYZ color 57.1711, 64.7876, 61.1218.

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

57.1711, 64.7876, 61.1218

Protanopia

61.4745, 64.8044, 59.1376

Deuteranopia

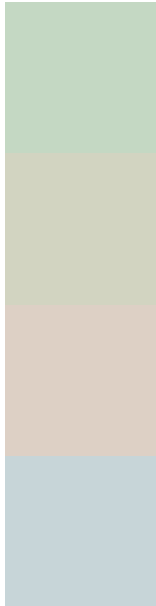
65.8099, 64.4513, 62.3979



Tritanopia

61.3853, 64.6075, 82.6339

Trichromacy



Original Color

57.1711, 64.7876, 61.1218

Protanomaly

59.7475, 64.6389, 59.7796

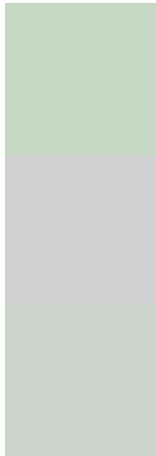
Deuteranomaly

62.4527, 64.5151, 61.9844

Tritanomaly

59.7421, 64.6885, 74.3031

Monochromacy



Original Color

57.1711, 64.7876, 61.1218

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9756, 63.7377, 65.6942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1711, 64.7876, 61.1218 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(196, 216, 195) looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.1711, 64.7876, 61.1218 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(196, 216, 195) }
```


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

```
.border{ border-color:rgb(196, 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(196, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1711, 64.7876, 61.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 195) }
```

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

```
.background{ background-color: rgb(196,  
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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