

Converting Colors

XYZ(57.0918, 67.1908, 58.2458)

Have a look what the booklet for
XYZ(57.0918, 67.1908, 58.2458)
contains.

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Color

**XYZ(57.0448, 67.1231,
58.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DEBD
RGB	192, 222, 189
RGB Percent	75%, 87%, 74%
CMY	0.2471, 0.1294, 0.2588
CMYK	0.14, 0.00, 0.15, 0.13
HSL	115°, 33%, 81%
HSV	115°, 15%, 87%
XYZ	57.0448, 67.1231, 58.0936
YIQ	209.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

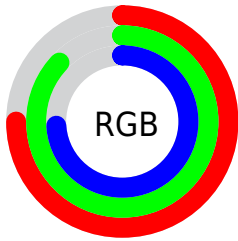
Format	Color
RYB	189, 222, 219
Decimal	12639933
CIELab	85.57, -16.03, 12.90
CIELCh	86, 20.575, 141.169
Yxy	67.1231, 0.3130, 0.3683
Android (android.graphics.Color)	4290830013 (0xFFC0DEBD)
YUV	209.2680, -9.9921, -15.1440
Hunter-Lab	81.9287, -19.0903, 15.3090

Details

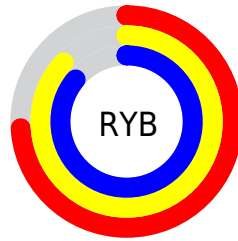
The XYZ color **57.0448, 67.1231, 58.0936** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5985, 56.7311, 76.8670**, and the grayscale version is **60.8474, 64.0162, 69.7137**.

A 20% lighter version of the original color is **91.3084, 98.2523, 100.5383**, and **28.7439, 34.8183, 28.4982** is the 20% darker color. If you saturate the color by 10%, you get **50.0527, 63.7779, 46.1353**, and if you desaturate by 10%, it is **65.1103, 70.9829, 72.0304**.

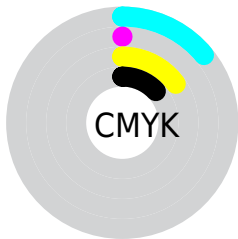
Distribution



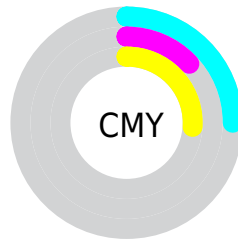
- Red (75%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (25%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0448, 67.1231, 58.0936 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 57.0448, 67.1231, 58.0936 by changing the saturation by 10% instead.

 57.0448, 67.1231,
58.0936

 57.0448, 67.1231,
58.0936


403.6286,
450.3828, 435.1426

 41.2815, 49.1847,
41.4687

 99.6615, 115.0968,
103.5753

 28.7277, 34.7660,
28.3630


127.2457,
145.9008, 133.2691

 19.0182, 23.4827,
18.3581


159.5008,
181.7622, 168.1564

 11.7875, 14.9503,
11.0353

196.7923,
223.0653, 208.6556

 6.6703, 8.7845,
5.9761

239.4854,
270.1945, 255.1853

 3.3013, 4.6009,
2.7620


287.9456,

 1.3150, 2.0151,


323.5342, 308.1640


0.9744


342.5382,
383.4689, 368.0102


 0.1944, 0.6162,
0.0000


 0.0000, 0.0000,
0.0000


 57.0448, 67.1231,
58.0936


 57.0448, 67.1231,
58.0936


 50.0527, 63.7779,
46.1353


 65.1103, 70.9829,
72.0304


 44.0835, 60.9175,
36.0618

 74.2861, 75.3686,
88.0251

 39.0906, 58.5218,
27.7782

 84.5168, 80.2634,
105.6456

 35.0221, 56.5662,
21.1799

 85.4126, 80.7251,
105.6875

■ 31.8207, 55.0238,
16.1511

■ 29.4230, 53.8647,
12.5618

■ 27.7568, 53.0549,
10.2609

■ 26.7366, 52.5544,
9.0637

■ 26.4147, 52.3957,
8.7212

Harmonies

Analogous

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



60.6050, 67.1231, 51.5989



57.0448, 67.1231, 58.0936



55.3165, 67.1231, 69.2017

Triad

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



57.0448, 67.1231, 58.0936



62.4275, 67.1231, 101.6110



72.5595, 67.1231, 64.1720

Complementary

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



57.0448, 67.1231, 58.0936



60.5985, 56.7311, 76.8670

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.



73.1060, 67.1231, 77.1123



57.0448, 67.1231, 58.0936



67.1022, 67.1231, 99.8364

Square

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



57.0448, 67.1231, 58.0936



58.3230, 67.1231, 95.0462



71.0653, 67.1231, 90.4577



69.6064, 67.1231, 54.7985

Rectangle

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



57.0448, 67.1231, 58.0936



55.3745, 67.1231, 78.1901



71.0653, 67.1231, 90.4577



73.0363, 67.1231, 68.2084

Sweetspot

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



57.0466, 67.1260, 58.0951



90.1213, 97.6439, 100.3235



64.5657, 69.7136, 58.1982



19.0972, 20.8078, 21.1392



0.0000, 0.0000, 0.0000



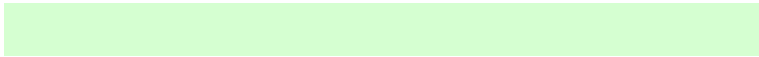
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0466, 67.1260, 58.0951



74.8004, 90.3152, 73.8767



57.7940, 67.3381, 65.9547



13.6437, 15.3965, 14.5595



15.7291, 31.1411, 5.1818



1.1306, 2.1793, 0.3611

Inverse Universe

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



60.5985, 56.7311, 76.8670



80.5969, 73.3474, 104.5173



59.8080, 56.5201, 67.9515



14.1658, 13.8690, 17.3181



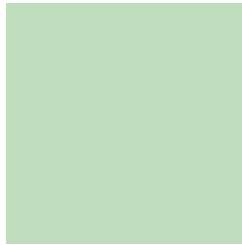
22.3205, 10.6020, 41.9183



1.5836, 0.7536, 2.9072

Previews

White Background



This preview shows how the XYZ color 57.0448, 67.1231, 58.0936 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 57.0448, 67.1231, 58.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

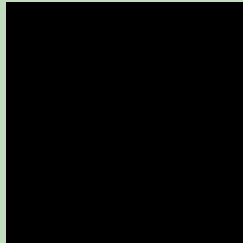
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0448, 67.1231, 58.0936

Background



This preview shows how black text looks on a background with the XYZ color 57.0448, 67.1231, 58.0936.



This preview shows how white text looks on a background with the XYZ color 57.0448, 67.1231,

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

57.0448, 67.1231, 58.0936

Protanopia

63.1864, 66.8965, 54.9294

Deuteranopia

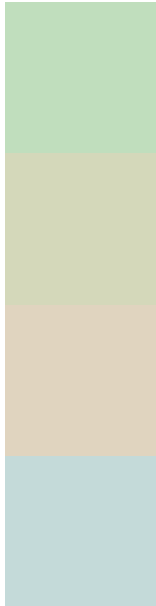
68.2037, 66.8256, 59.1731



Tritanopia

62.8170, 67.1370, 86.7387

Trichromacy



Original Color

57.0448, 67.1231, 58.0936

Protanomaly

60.5702, 66.6540, 56.1275

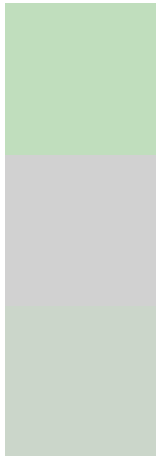
Deuteranomaly

63.6879, 66.6958, 58.8071

Tritanomaly

60.3607, 66.8883, 75.3750

Monochromacy



Original Color

57.0448, 67.1231, 58.0936

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3358, 65.0539, 65.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0448, 67.1231, 58.0936 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(192, 222, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 222, 189)  
}
```

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(192, 222, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 222, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.0448, 67.1231, 58.0936 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(192, 222, 189) }
```


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

```
.border{ border-color:rgb(192, 222, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 222, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 222, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 222, 189); box-shadow:4px 4px 4px 4px rgb(192, 222, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0448, 67.1231, 58.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 222, 189) }
```

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

```
.background{ background-color: rgb(192,  
222, 189) }
```

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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