

Converting Colors

XYZ(57.5402, 68.8976, 61.8956)

Have a look what the booklet for
XYZ(57.5402, 68.8976, 61.8956)
contains.

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Color

**XYZ(57.5402, 68.8976,
61.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE2C3
RGB	187, 226, 195
RGB Percent	73%, 89%, 76%
CMY	0.2667, 0.1137, 0.2353
CMYK	0.17, 0.00, 0.14, 0.11
HSL	132°, 40%, 81%
HSV	132°, 17%, 89%
XYZ	57.5402, 68.8976, 61.8956
YIQ	210.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

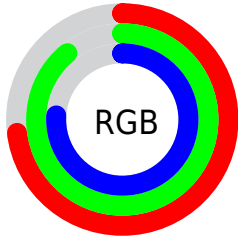
Format	Color
RYB	187, 219, 226
Decimal	12313283
CIELab	86.45, -18.63, 10.97
CIELCh	86, 21.622, 149.523
Yxy	68.8976, 0.3055, 0.3658
Android (android.graphics.Color)	4290503363 (0xFFBBE2C3)
YUV	210.8050, -7.7919, -20.8770
Hunter-Lab	83.0046, -21.5187, 13.8913

Details

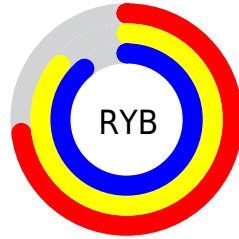
The XYZ color **57.5402, 68.8976, 61.8956** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.7917, 56.7730, 74.0344**, and the grayscale version is **61.8458, 65.0666, 70.8575**.

A 20% lighter version of the original color is **90.2928, 97.6030, 106.1758**, and **29.0435, 36.0355, 30.6241** is the 20% darker color. If you saturate the color by 10%, you get **50.5299, 65.5064, 51.5951**, and if you desaturate by 10%, it is **65.6688, 72.8410, 73.5271**.

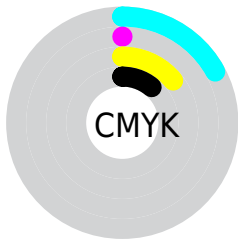
Distribution



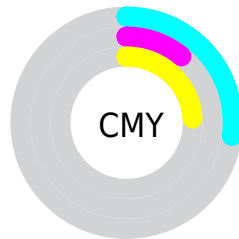
- Red (73%)
- Green (89%)
- Blue (76%)



- Red (73%)
- Yellow (86%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5402, 68.8976, 61.8956 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 57.5402, 68.8976, 61.8956 by changing the saturation by 10% instead.

■ 57.5402, 68.8976,
61.8956

■ 57.5402, 68.8976,
61.8956

405.4520,
456.6697, 449.5473

■ 41.6809, 50.6283,
44.5131

■ 100.3798,
117.6353, 109.1448

■ 29.0416, 35.9129,
30.7339

128.0908,
148.8725, 139.8485

■ 19.2567, 24.3669,
20.1396

160.4832,
185.2012, 175.8297

■ 11.9610, 15.6060,
12.3115

197.9222,
227.0056, 217.5070

■ 6.7891, 9.2458,
6.8311

240.7732,
274.6703, 265.2989

■ 3.3757, 4.9019,
3.2798


289.4016,

■ 1.3554, 2.1898,


328.5797, 319.6239


1.2392


344.1728,
389.1180, 380.9005


 0.2241, 0.7144,
0.0112


 0.0000, 0.0000,
0.0000


 57.5402, 68.8976,
61.8956


 57.5402, 68.8976,
61.8956

 50.5299, 65.5064,
51.5951


 65.6688, 72.8410,
73.5271

 44.5831, 62.6342,
42.5736

 74.9563, 77.3507,
86.5300

 39.6486, 60.2577,
34.7824

 85.4479, 82.4510,
100.9486

 35.6690, 58.3484,
28.1682

 86.4877, 82.8753,
106.0459

■ 32.5806, 56.8747,
22.6733

■ 30.3121, 55.8011,
18.2356

■ 28.7806, 55.0864,
14.7866

■ 27.8790, 54.6768,
12.2492

■ 27.6979, 54.5954,
11.7000

Harmonies

Analogous

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



60.8586, 68.8976, 53.5098



57.5402, 68.8976, 61.8956



56.3299, 68.8976, 74.7889

Triad

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



57.5402, 68.8976, 61.8956



65.4051, 68.8976, 106.0734



74.2165, 68.8976, 62.2453

Complementary

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



57.5402, 68.8976, 61.8956



61.7917, 56.7730, 74.0344

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.



75.5821, 68.8976, 75.2471



57.5402, 68.8976, 61.8956



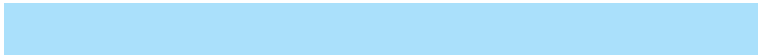
70.3403, 68.8976, 101.6319

Square

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



57.5402, 68.8976, 61.8956



60.7268, 68.8976, 101.3517



74.1296, 68.8976, 89.8747



70.4857, 68.8976, 53.6929

Rectangle

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



57.5402, 68.8976, 61.8956



56.8313, 68.8976, 84.6056



74.1296, 68.8976, 89.8747



74.9756, 68.8976, 66.1831

Sweetspot

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



57.5421, 68.9005, 61.8971



88.9247, 97.0259, 100.3194



65.1420, 72.9202, 57.6562



18.8560, 20.6814, 21.2223



0.0000, 0.0000, 0.0000



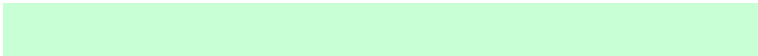
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5421, 68.9005, 61.8971



71.9070, 88.7754, 75.9202



59.8680, 69.8309, 74.1453



13.6432, 15.3830, 15.1563



15.8353, 31.1590, 6.8560



1.1299, 2.1727, 0.6452

Inverse Universe

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



61.7917, 56.7730, 74.0344



78.5633, 69.7760, 94.9281



59.4105, 55.8206, 61.4951



14.1683, 13.8849, 16.6562



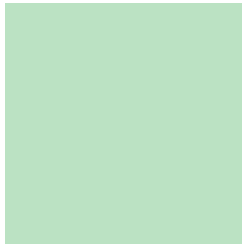
22.6165, 11.1136, 25.7100



1.5984, 0.7826, 1.9442

Previews

White Background



This preview shows how the XYZ color 57.5402, 68.8976, 61.8956 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 57.5402, 68.8976, 61.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

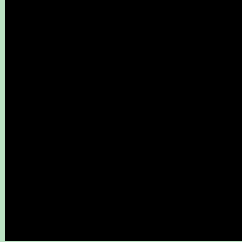
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

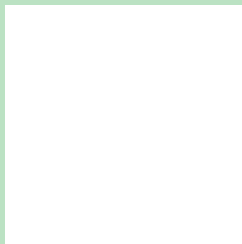
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5402, 68.8976, 61.8956

Background



This preview shows how black text looks on a background with the XYZ color 57.5402, 68.8976, 61.8956.



This preview shows how white text looks on a background with the XYZ color 57.5402, 68.8976,

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

57.5402, 68.8976, 61.8956

Protanopia

64.8498, 68.4438, 57.9371

Deuteranopia

69.8268, 68.2900, 63.5338



Tritanopia

63.1274, 68.7702, 90.0676

Trichromacy



Original Color

57.5402, 68.8976, 61.8956

Protanomaly

61.8869, 68.4217, 59.2351

Deuteranomaly

64.9249, 68.3661, 63.2001

Tritanomaly

60.7919, 68.5928, 79.1429

Monochromacy



Original Color

57.5402, 68.8976, 61.8956

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.9324, 66.0761, 67.3528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5402, 68.8976, 61.8956 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(187, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 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(187, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.5402, 68.8976, 61.8956 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(187, 226, 195) }
```


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

```
.border{ border-color:rgb(187, 226, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 226, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 226, 195); box-shadow:4px 4px 4px 4px rgb(187, 226, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5402, 68.8976, 61.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 195) }
```

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

```
.background{ background-color: rgb(187,  
226, 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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