

Converting Colors

XYZ(55.5911, 70.9319, 55.4246)

Have a look what the booklet for
XYZ(55.5911, 70.9319, 55.4246)
contains.

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Color

**XYZ(55.5907, 70.9268,
55.5601)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B0E9B7 |
| RGB | 176, 233, 183 |
| RGB Percent | 69%, 91%, 72% |
| CMY | 0.3098, 0.0863, 0.2823 |
| CMYK | 0.24, 0.00, 0.21, 0.09 |
| HSL | 127°, 56%, 80% |
| HSV | 127°, 24%, 91% |
| XYZ | 55.5907, 70.9268, 55.5601 |
| YIQ | 210.2570, -17.9220, -27.6340 |

Conversions

Conversions Part 2

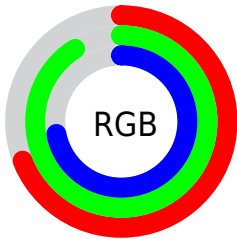
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 176, 227, 233 |
| Decimal | 11594167 |
| CIELab | 87.45, -27.76, 18.54 |
| CIELCh | 87, 33.382, 146.261 |
| Yxy | 70.9268, 0.3053, 0.3895 |
| Android (android.graphics.Color) | 4289784247 (0xFFB0E9B7) |
| YUV | 210.2570, -13.4377, -30.0434 |
| Hunter-Lab | 84.2181, -29.5572, 19.8380 |

Details

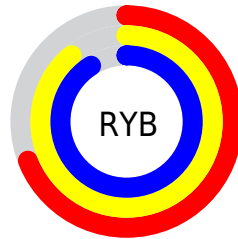
The XYZ color **55.5907, 70.9268, 55.5601** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8595, 53.8670, 79.0389**, and the grayscale version is **61.5229, 64.7269, 70.4876**.

A 20% lighter version of the original color is **84.6187, 94.9078, 95.5205**, and **27.7774, 37.1936, 26.8341** is the 20% darker color. If you saturate the color by 10%, you get **48.7926, 67.6525, 44.9320**, and if you desaturate by 10%, it is **63.6058, 74.7969, 67.8608**.

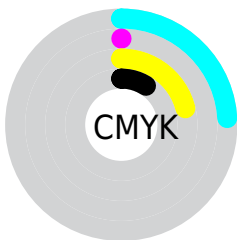
Distribution



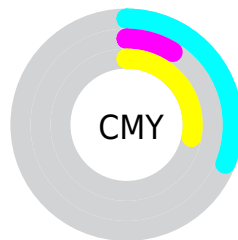
- Red (69%)
- Green (91%)
- Blue (72%)



- Red (69%)
- Yellow (89%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5907, 70.9268, 55.5601 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 55.5907, 70.9268, 55.5601 by changing the saturation by 10% instead.

■ 55.5907, 70.9268,
55.5601

■ 55.5907, 70.9268,
55.5601

398.2473,
463.7975, 425.3732

■ 40.1106, 52.2825,
39.4487

■ 97.5492, 120.5295,
99.8405

■ 27.8094, 37.2303,
26.7985

124.7582,
152.2566, 128.8465

■ 18.3217, 25.3858,
17.1908

156.6076,
189.1135, 162.9879

■ 11.2823, 16.3647,
10.2072

193.4627,
231.4845, 202.6831

■ 6.3257, 9.7826,
5.4292

235.6889,
279.7540, 248.3507

■ 3.0867, 5.2551,
2.4381

283.6515,

■ 1.1998, 2.3977,

334.3064, 300.4092

0.8071

337.7158,
395.5261, 359.2772

0.1062, 0.8247,
0.0000

0.0000, 0.0000,
0.0000

55.5907, 70.9268,
55.5601

55.5907, 70.9268,
55.5601

48.7926, 67.6525,
44.9320

63.6058, 74.7969,
67.8608

43.1463, 64.9358,
35.8999

72.8877, 79.2807,
81.8969

38.5894, 62.7482,
28.3880

83.4899, 84.4069,
97.7339

35.0509, 61.0548,
22.3126

88.4303, 86.7605,
106.6934

■ 32.4516, 59.8168,
17.5821

■ 30.7001, 58.9893,
14.0942

■ 29.6865, 58.5180,
11.7316

■ 29.3573, 58.3673,
10.8563

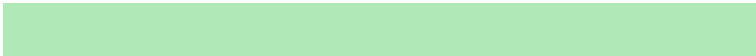
Harmonies

Analogous

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



60.9341, 70.9268, 44.5023



55.5907, 70.9268, 55.5601



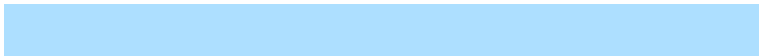
53.4058, 70.9268, 74.4336

Triad

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



55.5907, 70.9268, 55.5601



66.4312, 70.9268, 129.0813



81.9239, 70.9268, 59.5864

Complementary

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



55.5907, 70.9268, 55.5601



62.8595, 53.8670, 79.0389

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.



83.6791, 70.9268, 80.0899



55.5907, 70.9268, 55.5601



74.3373, 70.9268, 123.0061

Square

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



55.5907, 70.9268, 55.5601



59.3492, 70.9268, 119.1893



80.8046, 70.9268, 103.9016



76.1777, 70.9268, 46.4895

Rectangle

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



55.5907, 70.9268, 55.5601



53.8983, 70.9268, 90.0164



80.8046, 70.9268, 103.9016



83.0186, 70.9268, 65.7107

Sweetspot

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



55.5926, 70.9298, 55.5617



86.3658, 95.8026, 95.8664



68.4522, 77.6413, 52.4536



18.3336, 20.4321, 20.2897



0.0000, 0.0000, 0.0000



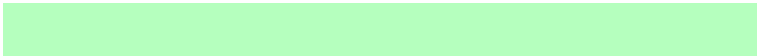
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5926, 70.9298, 55.5617



64.1364, 85.0733, 61.8311



58.8223, 72.2217, 72.5689



14.9436, 16.8923, 16.3857



16.6811, 33.1269, 6.2859



1.3343, 2.6111, 0.6225

Inverse Universe

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



62.8595, 53.8670, 79.0389



74.3961, 60.9769, 94.9717



59.3076, 52.4462, 60.3344



15.6305, 15.2801, 18.6057



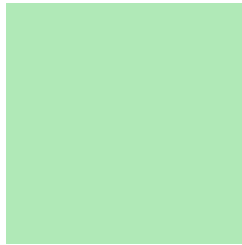
25.3098, 12.3266, 33.7624



2.0098, 0.9769, 2.7692

Previews

White Background



This preview shows how the XYZ color 55.5907, 70.9268, 55.5601 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 55.5907, 70.9268, 55.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

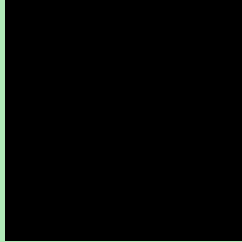
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

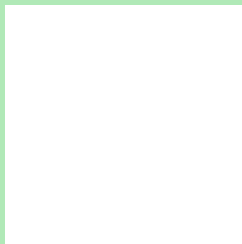
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5907, 70.9268, 55.5601

Background



This preview shows how black text looks on a background with the XYZ color 55.5907, 70.9268, 55.5601.

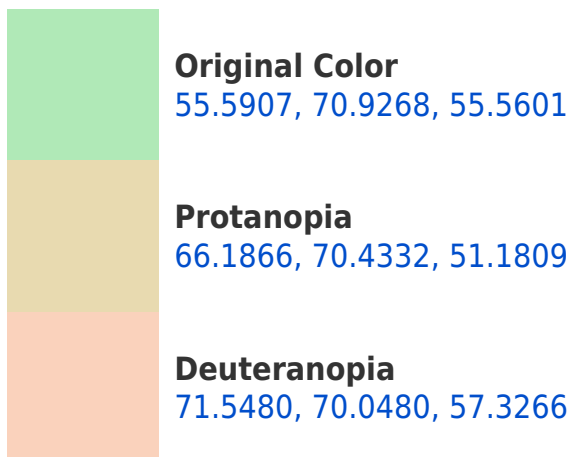


This preview shows how white text looks on a background with the XYZ color 55.5907, 70.9268, 55.5601.

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





Tritanopia

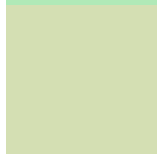
63.5964, 70.8863, 95.1246

Trichromacy



Original Color

55.5907, 70.9268, 55.5601



Protanomaly

61.6757, 70.0271, 52.9137



Deuteranomaly

64.3658, 69.3760, 56.4528



Tritanomaly

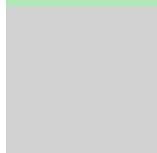
60.3230, 70.7745, 78.8881

Monochromacy



Original Color

55.5907, 70.9268, 55.5601



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.7854, 66.3187, 64.3460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5907, 70.9268, 55.5601 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(176, 233, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 233, 183)  
}
```

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(176, 233, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 233, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.5907, 70.9268, 55.5601 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(176, 233, 183) }
```


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

```
.border{ border-color:rgb(176, 233, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 233, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 233, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 233, 183); box-shadow:4px 4px 4px 4px rgb(176, 233, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5907, 70.9268, 55.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 233, 183) }
```

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

```
.background{ background-color: rgb(176,  
233, 183) }
```

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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