

Converting Colors

XYZ(55.3544, 68.2925, 55.9331)

Have a look what the booklet for
XYZ(55.3544, 68.2925, 55.9331)
contains.

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Color

**XYZ(55.5174, 68.3860,
56.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E3B9
RGB	182, 227, 185
RGB Percent	71%, 89%, 73%
CMY	0.2863, 0.1098, 0.2745
CMYK	0.20, 0.00, 0.19, 0.11
HSL	124°, 45%, 80%
HSV	124°, 20%, 89%
XYZ	55.5174, 68.3860, 56.1727
YIQ	208.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

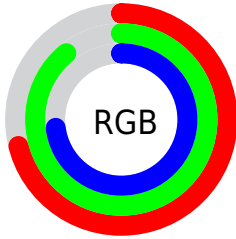
Format	Color
RYB	182, 224, 227
Decimal	11985849
CIELab	86.20, -22.55, 15.80
CIELCh	86, 27.538, 144.987
Yxy	68.3860, 0.3083, 0.3798
Android (android.graphics.Color)	4290175929 (0xFFB6E3B9)
YUV	208.7570, -11.7122, -23.4659
Hunter-Lab	82.6958, -24.8827, 17.6132

Details

The XYZ color **55.5174, 68.3860, 56.1727** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8634, 55.1701, 77.9122**, and the grayscale version is **60.5276, 63.6797, 69.3472**.

A 20% lighter version of the original color is **86.8971, 96.0480, 97.1782**, and **27.6299, 35.3810, 27.2028** is the 20% darker color. If you saturate the color by 10%, you get **48.5123, 65.0162, 45.0270**, and if you desaturate by 10%, it is **63.7285, 72.3430, 69.1176**.

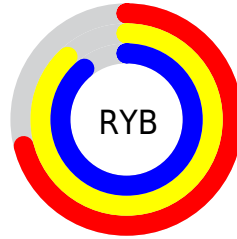
Distribution



Red (71%)

Green (89%)

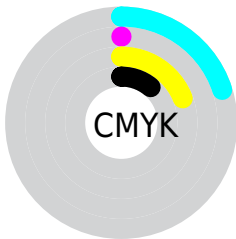
Blue (73%)



Red (71%)

Yellow (88%)

Blue (89%)

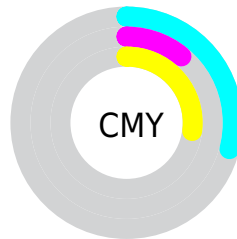


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (29%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5174, 68.3860, 56.1727 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 55.5174, 68.3860, 56.1727 by changing the saturation by 10% instead.


 55.5174, 68.3860,
56.1727

 55.5174, 68.3860,
56.1727


397.9748,
454.8624, 427.7486

 40.0516, 50.2118,
39.9365


 97.4425, 116.9042,
100.7454

 27.7632, 35.5817,
27.1756


124.6326,
148.0170, 129.9189

 18.2868, 24.1113,
17.4716

156.4614,
184.2114, 164.2419

 11.2570, 15.4162,
10.4058

193.2944,
225.8719, 204.1330

 6.3085, 9.1120,
5.5597

235.4968,
273.3829, 250.0106

 3.0760, 4.8143,
2.5148

283.4342,

 1.1941, 2.1387,

327.1287, 302.2934

0.8480

337.4717,
387.4937, 361.3999

■ 0.1017, 0.6863,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5174, 68.3860,
56.1727

■ 55.5174, 68.3860,
56.1727

■ 48.5123, 65.0162,
45.0270

■ 63.7285, 72.3430,
69.1176

■ 42.6513, 62.1974,
35.5965

■ 73.1930, 76.9040,
83.9314

■ 37.8751, 59.9028,
27.7976

■ 83.9622, 82.0960,
100.6860

■ 34.1171, 58.1001,
21.5376

■ 86.7604, 83.4208,
106.1368

■ 31.3030, 56.7533,
16.7147

■ 29.3487, 55.8213,
13.2149

■ 28.1551, 55.2558,
10.9067

■ 27.5653, 54.9793,
9.6304

■ 27.5576, 54.9757,
9.6160

Harmonies

Analogous

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



59.9843, 68.3860, 47.0881



55.5174, 68.3860, 56.1727



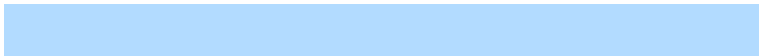
53.5960, 68.3860, 71.4519

Triad

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



55.5174, 68.3860, 56.1727



63.9396, 68.3860, 114.9337



76.6857, 68.3860, 60.6657

Complementary

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



55.5174, 68.3860, 56.1727



61.8634, 55.1701, 77.9122

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.



77.9141, 68.3860, 77.5529



55.5174, 68.3860, 56.1727



70.2853, 68.3860, 110.7983

Square

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



55.5174, 68.3860, 56.1727



58.2526, 68.3860, 106.8700



75.5026, 68.3860, 96.3410



72.2468, 68.3860, 49.3714

Rectangle

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



55.5174, 68.3860, 56.1727



53.9203, 68.3860, 83.8588



75.5026, 68.3860, 96.3410



77.4995, 68.3860, 65.7924

Sweetspot

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



55.5192, 68.3889, 56.1742



87.4288, 96.3270, 96.9851



66.6559, 74.1663, 55.0590



18.5437, 20.5362, 20.4929



0.0000, 0.0000, 0.0000



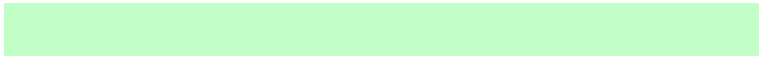
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5192, 68.3889, 56.1742



68.1361, 87.0346, 66.5622



58.0862, 69.4157, 69.6917



14.2281, 16.1047, 15.4660



16.0858, 32.0664, 5.6863



1.2025, 2.3751, 0.4927

Inverse Universe

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



61.8634, 55.1701, 77.9122



77.8872, 66.7145, 99.9722



59.0101, 54.0288, 62.8873



14.9514, 14.5978, 17.9447



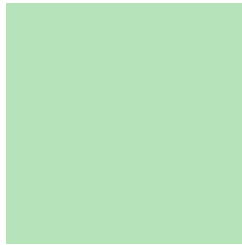
25.4130, 12.2994, 37.3992



1.8905, 0.9139, 2.8299

Previews

White Background



This preview shows how the XYZ color 55.5174, 68.3860, 56.1727 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 55.5174, 68.3860, 56.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

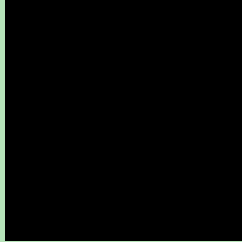
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5174, 68.3860, 56.1727

Background



This preview shows how black text looks on a background with the XYZ color 55.5174, 68.3860, 56.1727.



This preview shows how white text looks on a background with the XYZ color 55.5174, 68.3860,

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

55.5174, 68.3860, 56.1727

Protanopia

64.1157, 68.1864, 52.4299

Deuteranopia

69.1543, 67.7122, 57.5691



Tritanopia

62.3651, 68.3772, 90.0319

Trichromacy



Original Color

55.5174, 68.3860, 56.1727

Protanomaly

60.5360, 67.8481, 53.6215

Deuteranomaly

63.2479, 67.2536, 57.2247

Tritanomaly

59.7816, 68.5287, 76.4062

Monochromacy



Original Color

55.5174, 68.3860, 56.1727

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5344, 65.4240, 64.1866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5174, 68.3860, 56.1727 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(182, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 185)  
}
```

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(182, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 185) }
```

Border

The CSS property to change the border of an element to XYZ 55.5174, 68.3860, 56.1727 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(182, 227, 185) }
```


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

```
.border{ border-color:rgb(182, 227, 185) }
```

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

Here you see how a box with a 4 pixel rgb(182, 227, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5174, 68.3860, 56.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 185) }
```

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

```
.background{ background-color: rgb(182,  
227, 185) }
```

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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