

Converting Colors

XYZ(54.8858, 66.0596, 55.7569)

Have a look what the booklet for
XYZ(54.8858, 66.0596, 55.7569)
contains.

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Color

**XYZ(54.8858, 66.0596,
55.7569)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DEB9
RGB	185, 222, 185
RGB Percent	73%, 87%, 73%
CMY	0.2745, 0.1294, 0.2745
CMYK	0.17, 0.00, 0.17, 0.13
HSL	120°, 36%, 80%
HSV	120°, 17%, 87%
XYZ	54.8858, 66.0596, 55.7569
YIQ	206.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

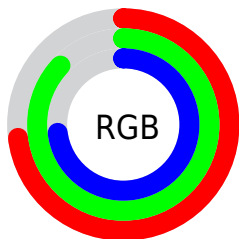
Format	Color
RYB	185, 222, 222
Decimal	12181177
CIELab	85.03, -19.09, 14.18
CIELCh	85, 23.780, 143.407
Yxy	66.0596, 0.3106, 0.3738
Android (android.graphics.Color)	4290371257 (0xFFB9DEB9)
YUV	206.7190, -10.7075, -19.0476
Hunter-Lab	81.2771, -21.6951, 16.2204

Details

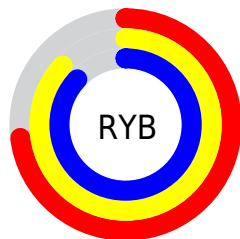
The XYZ color **54.8858, 66.0596, 55.7569** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.6603, 55.5030, 76.6263**, and the grayscale version is **59.2002, 62.2832, 67.8264**.

A 20% lighter version of the original color is **87.9128, 96.5716, 97.2258**, and **27.3436, 34.1287, 26.9761** is the 20% darker color. If you saturate the color by 10%, you get **47.7791, 62.6479, 44.1312**, and if you desaturate by 10%, it is **63.1983, 70.0545, 69.3520**.

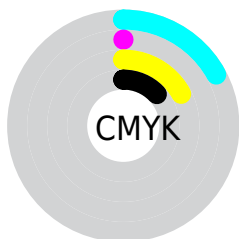
Distribution



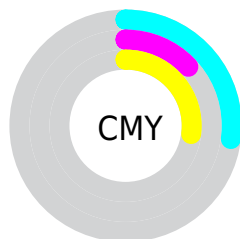
- Red (73%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8858, 66.0596, 55.7569 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 54.8858, 66.0596, 55.7569 by changing the saturation by 10% instead.


 54.8858, 66.0596,
55.7569

 54.8858, 66.0596,
55.7569


395.6223,
446.5900, 426.1373

 39.5438, 48.3208,
39.6054


 96.5229, 113.5719,
100.1313

 27.3656, 34.0810,
26.9195


123.5487,
144.1141, 129.1912

 17.9860, 22.9558,
17.2809


155.1998,
179.6930, 163.3910

 11.0396, 14.5609,
10.2709

191.8416,
220.6928, 203.1493

 6.1610, 8.5118,
5.4710

233.8394,
267.4980, 248.8845

 2.9848, 4.4241,
2.4626


281.5585,

 1.1457, 1.9135,


320.4930, 301.0152


0.8203


335.3644,
380.0622, 359.9599


 0.0629, 0.5565,
0.0000


 0.0000, 0.0000,
0.0000


 54.8858, 66.0596,
55.7569


 54.8858, 66.0596,
55.7569


 47.7791, 62.6479,
44.1312


 63.1983, 70.0545,
69.3520


 41.8173, 59.7841,
34.3796

 72.7632, 74.6490,
84.9971

 36.9421, 57.4423,
26.4052

 83.6314, 79.8695,
102.7739

 33.0880, 55.5910,
20.1011

 85.4126, 80.7251,
105.6875

■ 30.1826, 54.1953,
15.3487

■ 28.1437, 53.2160,
12.0137

■ 26.8756, 52.6068,
9.9394

■ 26.2557, 52.3091,
8.9254

■ 26.1226, 52.2451,
8.7076

Harmonies

Analogous

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



58.7894, 66.0596, 48.1387



54.8858, 66.0596, 55.7569



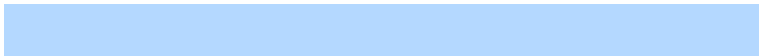
53.1138, 66.0596, 68.5981

Triad

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



54.8858, 66.0596, 55.7569



61.6140, 66.0596, 105.3398



72.7083, 66.0596, 60.8481

Complementary

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



54.8858, 66.0596, 55.7569



60.6603, 55.5030, 76.6263

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.



73.5701, 66.0596, 75.3633



54.8858, 66.0596, 55.7569



66.9632, 66.0596, 102.4907

Square

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



54.8858, 66.0596, 55.7569



56.8533, 66.0596, 98.2672



71.4137, 66.0596, 90.9568



69.1213, 66.0596, 50.7733

Rectangle

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



54.8858, 66.0596, 55.7569



53.3039, 66.0596, 78.9767



71.4137, 66.0596, 90.9568



73.3344, 66.0596, 65.3111

Sweetspot

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



54.8876, 66.0624, 55.7584



88.5284, 96.8674, 98.2329



65.0053, 71.2783, 56.2316



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



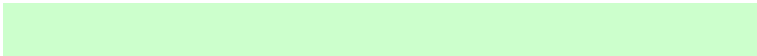
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8876, 66.0624, 55.7584



71.5610, 88.7170, 70.4796



56.9700, 66.8954, 66.7242



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



60.6603, 55.5030, 76.6263



80.8827, 71.6657, 104.1770



58.3145, 54.5646, 64.2732



14.2951, 13.9357, 17.3241



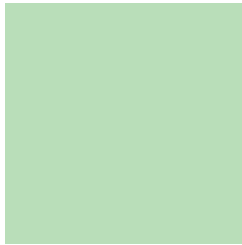
25.7245, 12.3568, 42.0763



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 54.8858, 66.0596, 55.7569 looks on a white background.

Color Contrast Check

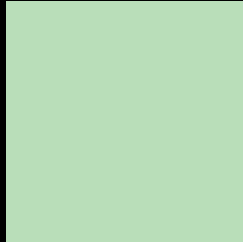
Large Text (above 18pt) WCAG AA × Fail

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 54.8858, 66.0596, 55.7569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

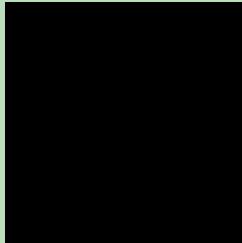
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8858, 66.0596, 55.7569

Background



This preview shows how black text looks on a background with the XYZ color 54.8858, 66.0596, 55.7569.

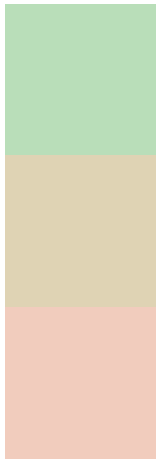


This preview shows how white text looks on a background with the XYZ color 54.8858, 66.0596, 55.7569.

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

54.8858, 66.0596, 55.7569

Protanopia

61.9639, 65.5718, 52.5708

Deuteranopia

67.0538, 65.5606, 57.2645



Tritanopia

61.0007, 65.8215, 86.5805

Trichromacy



Original Color

54.8858, 66.0596, 55.7569

Protanomaly

59.0384, 65.5336, 53.7936

Deuteranomaly

62.1902, 65.5915, 56.9596

Tritanomaly

58.7013, 66.0478, 74.6204

Monochromacy



Original Color

54.8858, 66.0596, 55.7569

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.4055, 63.3526, 63.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8858, 66.0596, 55.7569 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(185, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 222, 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(185, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 222, 185) }
```

Border

The CSS property to change the border of an element to XYZ 54.8858, 66.0596, 55.7569 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(185, 222, 185) }
```


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

```
.border{ border-color:rgb(185, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 222, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 222, 185); box-shadow:4px 4px 4px 4px rgb(185, 222, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8858, 66.0596, 55.7569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 222, 185) }
```

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

```
.background{ background-color: rgb(185,  
222, 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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