

Converting Colors

XYZ(54.8640, 68.6062, 53.7925)

Have a look what the booklet for
XYZ(54.8640, 68.6062, 53.7925)
contains.

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Color

**XYZ(54.8040, 68.4854,
53.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4B4
RGB	180, 228, 180
RGB Percent	71%, 89%, 71%
CMY	0.2941, 0.1059, 0.2941
CMYK	0.21, 0.00, 0.21, 0.11
HSL	120°, 47%, 80%
HSV	120°, 21%, 89%
XYZ	54.8040, 68.4854, 53.5105
YIQ	208.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

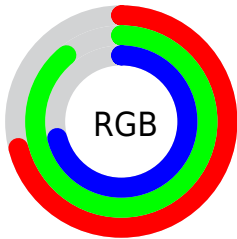
Format	Color
RYB	180, 228, 228
Decimal	11855028
CIELab	86.25, -24.57, 18.46
CIELCh	86, 30.729, 143.076
Yxy	68.4854, 0.3100, 0.3874
Android (android.graphics.Color)	4290045108 (0xFFB4E4B4)
YUV	208.1760, -13.8908, -24.7104
Hunter-Lab	82.7559, -26.6136, 19.5918

Details

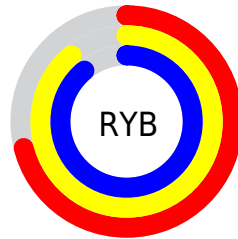
The XYZ color **54.8040, 68.4854, 53.5105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62.3221, 54.7394, 80.6829**, and the grayscale version is **60.1633, 63.2965, 68.9299**.

A 20% lighter version of the original color is **85.4924, 95.4090, 93.2667**, and **27.1875, 35.4730, 25.4927** is the 20% darker color. If you saturate the color by 10%, you get **47.7916, 65.1190, 42.0390**, and if you desaturate by 10%, it is **63.0753, 72.4605, 67.0382**.

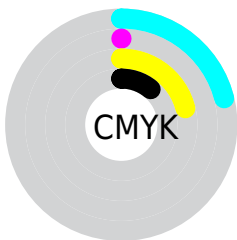
Distribution



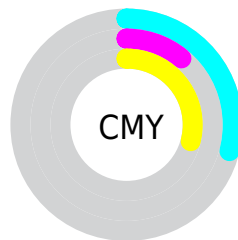
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8040, 68.4854, 53.5105 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 54.8040, 68.4854, 53.5105 by changing the saturation by 10% instead.


 54.8040, 68.4854,
53.5105

 54.8040, 68.4854,
53.5105

395.3170,
455.2139, 417.3624

 39.4780, 50.2927,
37.8199


 96.4037, 117.0463,
96.8043

 27.3142, 35.6460,
25.5422


123.4082,
148.1833, 125.2446

 17.9472, 24.1610,
16.2588


155.0362,
184.4038, 158.7719

 11.0115, 15.4531,
9.5511

191.6532,
226.0923, 197.8048

 6.1419, 9.1380,
5.0007

233.6243,
273.6332, 242.7617

 2.9731, 4.8313,
2.1889


281.3152,

 1.1395, 2.1486,


327.4108, 294.0612


0.6680


335.0909,
387.8096, 352.1219


 0.0578, 0.6918,
0.0000


 0.0000, 0.0000,
0.0000


 54.8040, 68.4854,
53.5105


 54.8040, 68.4854,
53.5105

 47.7916, 65.1190,
42.0390


 63.0753, 72.4605,
67.0382


 41.9713, 62.3232,
32.5189

 72.6571, 77.0632,
82.7109

 37.2785, 60.0690,
24.8428

 83.6048, 82.3220,
100.6178

 33.6402, 58.3214,
18.8916

 87.0348, 83.9695,
106.2283

■ 30.9748, 57.0411,
14.5319

■ 29.1891, 56.1833,
11.6109

■ 28.1713, 55.6944,
9.9460

■ 27.7448, 55.4895,
9.2484

Harmonies

Analogous

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



59.9012, 68.4854, 44.1403



54.8040, 68.4854, 53.5105



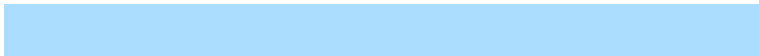
52.4910, 68.4854, 69.9662

Triad

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



54.8040, 68.4854, 53.5105



63.4657, 68.4854, 120.3632



78.4402, 68.4854, 60.3056

Complementary

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



54.8040, 68.4854, 53.5105



62.3221, 54.7394, 80.6829

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.



79.5667, 68.4854, 79.3693



54.8040, 68.4854, 53.5105



70.5771, 68.4854, 116.5033

Square

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



54.8040, 68.4854, 53.5105



57.2515, 68.4854, 110.2878



76.5961, 68.4854, 100.5336



73.6204, 68.4854, 47.5380

Rectangle

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



54.8040, 68.4854, 53.5105



52.7111, 68.4854, 83.7435



76.5961, 68.4854, 100.5336



79.2770, 68.4854, 66.0902

Sweetspot

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



54.8058, 68.4883, 53.5120



87.2771, 96.2663, 96.1860



67.9796, 75.2796, 54.1281



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



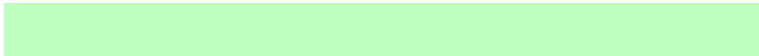
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8058, 68.4883, 53.5120



66.7404, 86.4015, 62.5947



57.4669, 69.5527, 67.5248



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



62.3221, 54.7394, 80.6829



77.9752, 65.8507, 103.2076



59.2174, 53.4975, 64.3336



14.9952, 14.6153, 18.1750



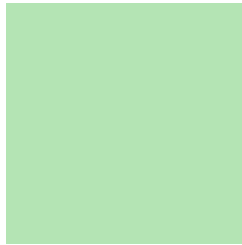
26.5610, 12.7586, 43.4445



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 54.8040, 68.4854, 53.5105 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 54.8040, 68.4854, 53.5105 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 54.8040, 68.4854, 53.5105

Background



This preview shows how black text looks on a background with the XYZ color 54.8040, 68.4854, 53.5105.

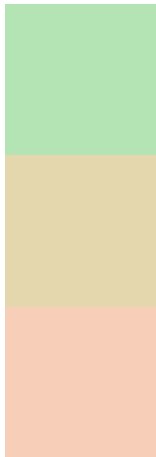


This preview shows how white text looks on a background with the XYZ color 54.8040, 68.4854,

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

54.8040, 68.4854, 53.5105

Protanopia

63.9353, 68.1509, 49.8291

Deuteranopia

69.3223, 67.8605, 54.7921



Tritanopia

62.2610, 68.3066, 90.7919

Trichromacy



Original Color

54.8040, 68.4854, 53.5105

Protanomaly

60.2936, 68.1699, 51.0546

Deuteranomaly

63.2791, 67.7078, 54.5335

Tritanomaly

59.1618, 68.2242, 75.6961

Monochromacy



Original Color

54.8040, 68.4854, 53.5105

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.7822, 64.6839, 62.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8040, 68.4854, 53.5105 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(180, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 180)  
}
```

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(180, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.8040, 68.4854, 53.5105 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(180, 228, 180) }
```


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

```
.border{ border-color:rgb(180, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 228,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8040, 68.4854, 53.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 180) }
```

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

```
.background{ background-color: rgb(180,  
228, 180) }
```

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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