

Converting Colors

XYZ(54.8297, 68.2363, 51.2670)

Have a look what the booklet for
XYZ(54.8297, 68.2363, 51.2670)
contains.

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Color

**XYZ(54.8340, 68.1400,
51.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E3B0
RGB	183, 227, 176
RGB Percent	72%, 89%, 69%
CMY	0.2823, 0.1098, 0.3098
CMYK	0.19, 0.00, 0.22, 0.11
HSL	112°, 48%, 79%
HSV	112°, 22%, 89%
XYZ	54.8340, 68.1400, 51.3366
YIQ	208.0300, -9.8530, -25.1890

Conversions

Conversions Part 2

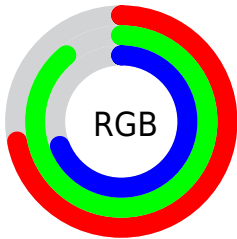
Format	Color
RYB	176, 227, 220
Decimal	12051376
CIELab	86.08, -23.75, 20.33
CIELCh	86, 31.262, 139.433
Yxy	68.1400, 0.3146, 0.3909
Android (android.graphics.Color)	4290241456 (0xFFB7E3B0)
YUV	208.0300, -15.7908, -21.9513
Hunter-Lab	82.5470, -25.8838, 20.9100

Details

The XYZ color **54.8340, 68.1400, 51.3366** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.9085, 51.8143, 79.5729**, and the grayscale version is **60.0789, 63.2077, 68.8332**.

A 20% lighter version of the original color is **86.2607, 95.8715, 90.3026**, and **27.1913, 35.2230, 24.1045** is the 20% darker color. If you saturate the color by 10%, you get **48.4347, 65.0812, 40.2769**, and if you desaturate by 10%, it is **62.2608, 71.6891, 64.4078**.

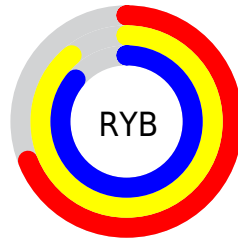
Distribution



Red (72%)

Green (89%)

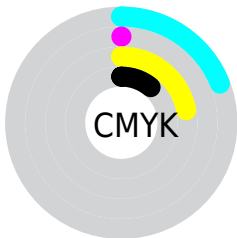
Blue (69%)



Red (69%)

Yellow (89%)

Blue (86%)

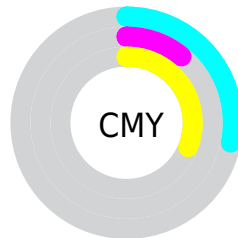


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8340, 68.1400, 51.3366 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 54.8340, 68.1400, 51.3366 by changing the saturation by 10% instead.

■ 54.8340, 68.1400,
51.3366

■ 54.8340, 68.1400,
51.3366

395.4290,
453.9919, 408.7540

■ 39.5021, 50.0116,
36.0980

■ 96.4474, 116.5524,
93.5687

■ 27.3331, 35.4226,
24.2196

123.4597,
147.6052, 121.3993

■ 17.9614, 23.9886,
15.2829

155.0962,
183.7350, 154.2643

■ 11.0218, 15.3252,
8.8693

191.7223,
225.3261, 192.5822

■ 6.1489, 9.0479,
4.5604

233.7032,
272.7630, 236.7716

■ 2.9774, 4.7725,
1.9375

281.4044,

■ 1.1418, 2.1144,

326.4300, 287.2510

0.5165

335.1912,
386.7115, 344.4389

■ 0.0597, 0.6727,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8340, 68.1400,
51.3366

■ 54.8340, 68.1400,
51.3366

■ 48.4347, 65.0812,
40.2769

■ 62.2608, 71.6891,
64.4078

■ 43.0122, 62.4828,
31.1246

■ 70.7522, 75.7395,
79.5786

■ 38.5196, 60.3248,
23.7733

■ 80.3499, 80.3130,
96.9374

■ 34.9039, 58.5826,
18.1040

■ 86.7604, 83.4208,
106.1368

■ 32.1068, 57.2289,
13.9837

■ 30.0625, 56.2333,
11.2593

■ 28.6948, 55.5602,
9.7462

■ 28.0401, 55.2345,
9.1835

Harmonies

Analogous

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



60.2798, 68.1400, 42.8055



54.8340, 68.1400, 51.3366



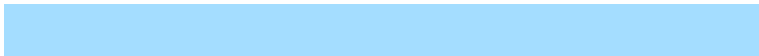
52.1200, 68.1400, 67.1759

Triad

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



54.8340, 68.1400, 51.3366



62.2662, 68.1400, 120.2405



78.6754, 68.1400, 61.8011

Complementary

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



54.8340, 68.1400, 51.3366



58.9085, 51.8143, 79.5729

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.



79.3058, 68.1400, 81.6822



54.8340, 68.1400, 51.3366



69.4674, 68.1400, 118.0712

Square

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



54.8340, 68.1400, 51.3366



56.1955, 68.1400, 108.4613



75.8281, 68.1400, 102.9897



74.1642, 68.1400, 48.0296

Rectangle

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



54.8340, 68.1400, 51.3366



52.0789, 68.1400, 80.8629



75.8281, 68.1400, 102.9897



79.3602, 68.1400, 67.9001

Sweetspot

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



54.8358, 68.1429, 51.3381



86.8674, 96.0985, 94.2062



64.9408, 70.3145, 51.2247



18.4493, 20.5004, 19.9068



0.0000, 0.0000, 0.0000



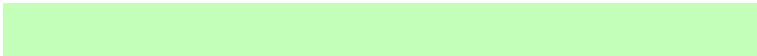
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8358, 68.1429, 51.3381



67.2995, 86.7535, 59.7361



55.0965, 68.0596, 61.1854



14.3723, 16.1835, 15.2707



16.4086, 32.2405, 5.3582



1.2714, 2.4128, 0.3987

Inverse Universe

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



58.9085, 51.8143, 79.5729



73.4895, 61.9129, 102.6848



58.7335, 51.9942, 67.3618



14.7904, 14.5097, 18.1654



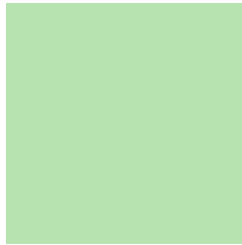
21.4135, 10.1049, 43.2050



1.6363, 0.7745, 3.1952

Previews

White Background



This preview shows how the XYZ color 54.8340, 68.1400, 51.3366 looks on a white background.

Color Contrast Check

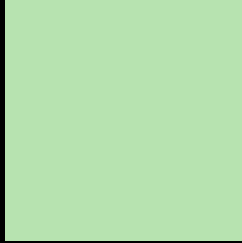
Large Text (above 18pt) WCAG AA × Fail

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 54.8340, 68.1400, 51.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

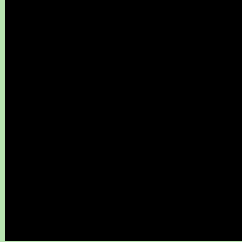
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8340, 68.1400, 51.3366

Background



This preview shows how black text looks on a background with the XYZ color 54.8340, 68.1400, 51.3366.



This preview shows how white text looks on a background with the XYZ color 54.8340, 68.1400,

51.3366.

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

54.8340, 68.1400, 51.3366

Protanopia

63.2972, 67.4894, 47.7208

Deuteranopia

69.2624, 67.8774, 52.6311



Tritanopia

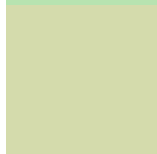
62.4642, 68.0566, 89.2009

Trichromacy



Original Color

54.8340, 68.1400, 51.3366



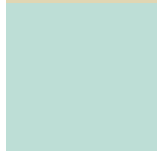
Protanomaly

59.9293, 67.6386, 48.9267



Deuteranomaly

62.9237, 67.1951, 52.3013



Tritanomaly

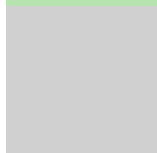
59.2451, 67.9164, 73.6050

Monochromacy



Original Color

54.8340, 68.1400, 51.3366



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.8174, 64.7285, 61.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8340, 68.1400, 51.3366 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(183, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(183, 227, 176)  
}
```

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(183, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 227, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.8340, 68.1400, 51.3366 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(183, 227, 176) }
```


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

```
.border{ border-color:rgb(183, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 227, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 227, 176); box-shadow:4px 4px 4px 4px rgb(183, 227, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8340, 68.1400, 51.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 227, 176) }
```

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

```
.background{ background-color: rgb(183,  
227, 176) }
```

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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