

Converting Colors

XYZ(54.7996, 67.6663, 53.7843)

Have a look what the booklet for
XYZ(54.7996, 67.6663, 53.7843)
contains.

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Color

**XYZ(54.8282, 67.6740,
53.8887)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B6E2B5 |
| RGB | 182, 226, 181 |
| RGB Percent | 71%, 89%, 71% |
| CMY | 0.2863, 0.1137, 0.2902 |
| CMYK | 0.19, 0.00, 0.20, 0.11 |
| HSL | 119°, 44%, 80% |
| HSV | 119°, 20%, 89% |
| XYZ | 54.8282, 67.6740, 53.8887 |
| YIQ | 207.7140, -11.7790, -23.3230 |

Conversions

Conversions Part 2

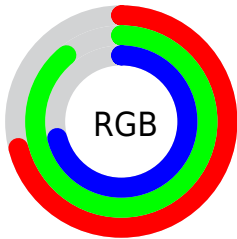
| Format | Color |
|-------------------------------------|--|
| RYB | 181, 226, 225 |
| Decimal | 11985589 |
| CIELab | 85.84, -22.76, 17.39 |
| CIELCh | 86, 28.641, 142.613 |
| Yxy | 67.6740, 0.3108, 0.3837 |
| Android (android.graphics.Color) | 4290175669 (0xFFB6E2B5) |
| YUV | 207.7140, -13.1700, -22.5512 |
| Hunter-Lab | 82.2642, -24.9941, 18.7459 |

Details

The XYZ color **54.8282, 67.6740, 53.8887** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.3056, 54.5483, 79.2528**, and the grayscale version is **59.8585, 62.9758, 68.5807**.

A 20% lighter version of the original color is **86.3060, 95.8116, 94.0654**, and **27.3613, 35.2735, 25.7885** is the 20% darker color. If you saturate the color by 10%, you get **47.8815, 64.3414, 42.4247**, and if you desaturate by 10%, it is **62.9783, 71.5875, 67.3755**.

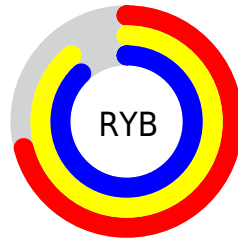
Distribution



Red (71%)

Green (89%)

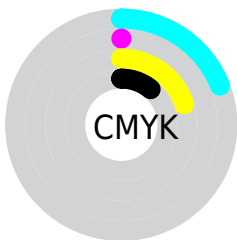
Blue (71%)



Red (71%)

Yellow (89%)

Blue (88%)

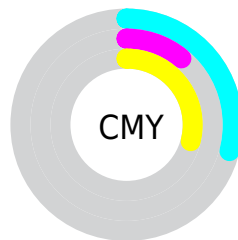


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (29%)


Magenta (11%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8282, 67.6740, 53.8887 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 54.8282, 67.6740, 53.8887 by changing the saturation by 10% instead.


 54.8282, 67.6740,
53.8887

 54.8282, 67.6740,
53.8887

395.4074,
452.3401, 418.8481

 39.4975, 49.6326,
38.1201


 96.4390, 115.8857,
97.3656

 27.3294, 35.1215,
25.7734


123.4498,
146.8247, 125.9109

 17.9587, 23.7565,
16.4299


155.0846,
182.8317, 159.5523

 11.0198, 15.1531,
9.6713

191.7089,
224.2910, 198.7082

 6.1476, 8.9269,
5.0788

233.6880,
271.5871, 243.7972

 2.9765, 4.6935,
2.2340

281.3872,

 1.1414, 2.0686,

325.1044, 295.2378

0.6939

335.1718,
385.2273, 353.4486

0.0593, 0.6469,
0.0000

0.0000, 0.0000,
0.0000

54.8282, 67.6740,
53.8887

54.8282, 67.6740,
53.8887

47.8815, 64.3414,
42.4247

62.9783, 71.5875,
67.3755

42.0762, 61.5538,
32.8819

72.3794, 76.0984,
82.9712

37.3529, 59.2850,
25.1565

83.0828, 81.2336,
100.7626

33.6446, 57.5027,
19.1332

86.4877, 82.8754,
106.0459

■ 30.8769, 56.1716,
14.6836

■ 28.9655, 55.2511,
11.6610

■ 27.8106, 54.6937,
9.8912

■ 27.2640, 54.4295,
9.0747

■ 27.2605, 54.4278,
9.0688

Harmonies

Analogous

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



59.6015, 67.6740, 45.1607



54.8282, 67.6740, 53.8887



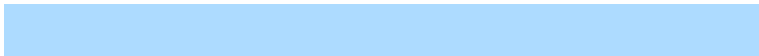
52.6269, 67.6740, 69.1463

Triad

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



54.8282, 67.6740, 53.8887



62.7170, 67.6740, 115.5394



76.6583, 67.6740, 60.6725

Complementary

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



54.8282, 67.6740, 53.8887



61.3056, 54.5483, 79.2528

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.



77.6330, 67.6740, 78.4190



54.8282, 67.6740, 53.8887



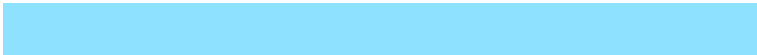
69.2856, 67.6740, 112.2339

Square

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



54.8282, 67.6740, 53.8887



56.9764, 67.6740, 106.2083



74.8532, 67.6740, 97.8190



72.2735, 67.6740, 48.5887

Rectangle

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



54.8282, 67.6740, 53.8887



52.8015, 67.6740, 81.8431



74.8532, 67.6740, 97.8190



77.4072, 67.6740, 66.0888

Sweetspot

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



54.8300, 67.6769, 53.8902



87.3923, 96.3257, 96.1913



66.4978, 73.0889, 54.3199



18.5351, 20.5358, 20.3062



0.0000, 0.0000, 0.0000



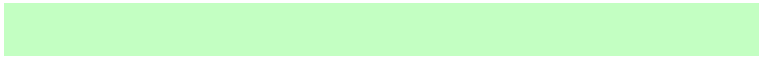
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8300, 67.6769, 53.8902



68.0218, 87.0293, 64.1345



56.9153, 68.4838, 66.0981



13.5568, 15.3517, 14.5554



15.5644, 31.0563, 5.1741



1.0889, 2.1578, 0.3591

Inverse Universe

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



61.3056, 54.5483, 79.2528



78.0393, 66.7179, 103.3725



58.9097, 53.6260, 65.0058



14.2634, 13.9193, 17.3226



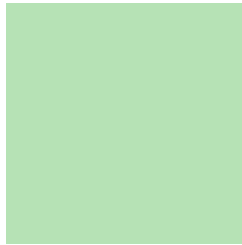
24.8545, 11.9083, 42.0369



1.7325, 0.8304, 2.9142

Previews

White Background



This preview shows how the XYZ color 54.8282, 67.6740, 53.8887 looks on a white background.

Color Contrast Check

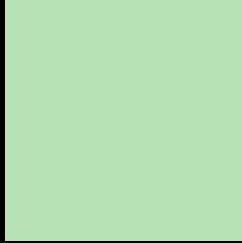
Large Text (above 18pt) WCAG AA × Fail

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 54.8282, 67.6740, 53.8887 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

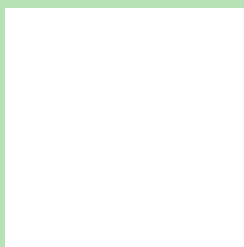
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8282, 67.6740, 53.8887

Background



This preview shows how black text looks on a background with the XYZ color 54.8282, 67.6740, 53.8887.



This preview shows how white text looks on a background with the XYZ color 54.8282, 67.6740,

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

54.8282, 67.6740, 53.8887

Protanopia

63.4630, 67.5192, 50.2451

Deuteranopia

68.4845, 67.0579, 55.2329



Tritanopia

61.6976, 67.2753, 89.0905

Trichromacy



Original Color

54.8282, 67.6740, 53.8887

Protanomaly

59.8712, 67.1660, 51.4038

Deuteranomaly

62.5702, 66.5788, 54.9006

Tritanomaly

58.9902, 67.3621, 74.8588

Monochromacy



Original Color

54.8282, 67.6740, 53.8887

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0467, 64.8202, 62.8782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8282, 67.6740, 53.8887 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, 226, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 181)  
}
```

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, 226, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 181) }
```

Border

The CSS property to change the border of an element to XYZ 54.8282, 67.6740, 53.8887 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, 226, 181) }
```


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

```
.border{ border-color:rgb(182, 226, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8282, 67.6740, 53.8887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 181) }
```

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

```
.background{ background-color: rgb(182,  
226, 181) }
```

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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