

Converting Colors

XYZ(53.5230, 65.3082, 54.4494)

Have a look what the booklet for
XYZ(53.5230, 65.3082, 54.4494)
contains.

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Color

**XYZ(53.4909, 65.3647,
54.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DEB7
RGB	180, 222, 183
RGB Percent	71%, 87%, 72%
CMY	0.2941, 0.1294, 0.2823
CMYK	0.19, 0.00, 0.18, 0.13
HSL	124°, 39%, 79%
HSV	124°, 19%, 87%
XYZ	53.4909, 65.3647, 54.5971
YIQ	204.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

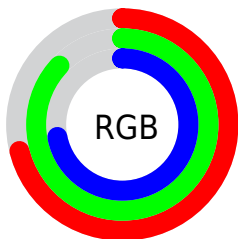
Format	Color
RYB	180, 219, 222
Decimal	11853495
CIELab	84.67, -21.12, 14.68
CIELCh	85, 25.719, 145.195
Yxy	65.3647, 0.3084, 0.3768
Android (android.graphics.Color)	4290043575 (0xFFB4DEB7)
YUV	204.9960, -10.8440, -21.9215
Hunter-Lab	80.8484, -23.3857, 16.5553

Details

The XYZ color **53.4909, 65.3647, 54.5971** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.2339, 53.2881, 74.1844**, and the grayscale version is **58.0997, 61.1254, 66.5656**.

A 20% lighter version of the original color is **85.9321, 95.5849, 95.5820**, and **26.6004, 33.7612, 26.2337** is the 20% darker color. If you saturate the color by 10%, you get **46.7400, 62.1164, 43.8893**, and if you desaturate by 10%, it is **61.3874, 69.1710, 67.0017**.

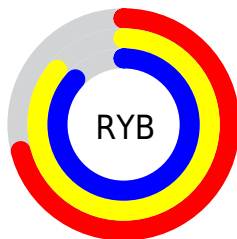
Distribution



Red (71%)

Green (87%)

Blue (72%)



Red (71%)

Yellow (86%)

Blue (87%)

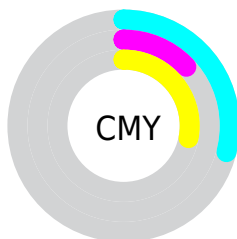


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4909, 65.3647, 54.5971 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 53.4909, 65.3647, 54.5971 by changing the saturation by 10% instead.

■ 53.4909, 65.3647,
54.5971

■ 53.4909, 65.3647,
54.5971

390.3958,
444.1014, 421.6217

■ 38.4238, 47.7569,
38.6828

■ 94.4876, 112.5740,
98.4156

■ 26.4905, 33.6344,
26.2071

121.1480,
142.9443, 127.1569

■ 17.3256, 22.6129,
16.7515

152.4035,
178.3375, 161.0110

■ 10.5636, 14.3079,
9.8974

188.6195,
219.1380, 200.3964

■ 5.8393, 8.3351,
5.2263

230.1614,
265.7303, 245.7316

■ 2.7874, 4.3101,
2.3196

277.3945,

■ 1.0423, 1.8485,

318.4987, 297.4352

0.7422

330.6842,
377.8276, 355.9257

0.0000, 0.5171,
0.0000

0.0000, 0.0000,
0.0000

53.4909, 65.3647,
54.5971

53.4909, 65.3647,
54.5971

46.7400, 62.1164,
43.8893

61.3874, 69.1710,
67.0017

41.0765, 59.3921,
34.8006

70.4737, 73.5511,
81.1678

36.4450, 57.1667,
27.2534

80.7982, 78.5302,
97.1620

32.7832, 55.4100,
21.1623

85.4125, 80.7250,
105.6875

■ 30.0220, 54.0883,
16.4334

■ 28.0831, 53.1636,
12.9620

■ 26.8748, 52.5911,
10.6281

■ 26.2624, 52.3045,
9.2875

■ 26.2150, 52.2820,
9.1945

Harmonies

Analogous

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



57.5422, 65.3647, 46.2103



53.4909, 65.3647, 54.5971



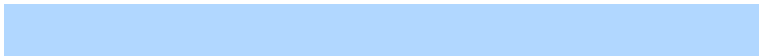
51.7565, 65.3647, 68.5537

Triad

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



53.4909, 65.3647, 54.5971



61.2064, 65.3647, 107.5813



72.6688, 65.3647, 58.5347

Complementary

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



53.4909, 65.3647, 54.5971



59.2339, 53.2881, 74.1844

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.



73.7982, 65.3647, 73.8542



53.4909, 65.3647, 54.5971



66.9495, 65.3647, 103.8085

Square

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



53.4909, 65.3647, 54.5971



56.0327, 65.3647, 100.4372



71.6463, 65.3647, 90.7996



68.6483, 65.3647, 48.2260

Rectangle

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



53.4909, 65.3647, 54.5971



52.0647, 65.3647, 79.7895



71.6463, 65.3647, 90.7996



73.4092, 65.3647, 63.1967

Sweetspot

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



53.4927, 65.3675, 54.5985



87.4397, 96.3313, 97.0422



63.6359, 70.6322, 53.4602



18.5462, 20.5372, 20.5063



0.0000, 0.0000, 0.0000



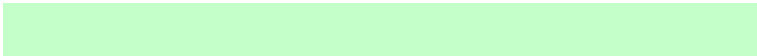
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4927, 65.3675, 54.5985



69.1046, 87.4982, 68.2214



55.8207, 66.2987, 66.8580



13.5683, 15.3531, 14.7619



15.5854, 31.0590, 5.5399



1.0944, 2.1585, 0.4583

Inverse Universe

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



59.2339, 53.2881, 74.1844



78.4417, 67.8510, 100.0725



56.6636, 52.2600, 60.6495



14.2506, 13.9179, 17.0896



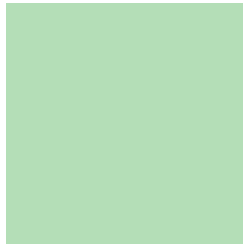
24.5383, 11.8823, 35.8300



1.7137, 0.8288, 2.5512

Previews

White Background



This preview shows how the XYZ color 53.4909, 65.3647, 54.5971 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 53.4909, 65.3647, 54.5971 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

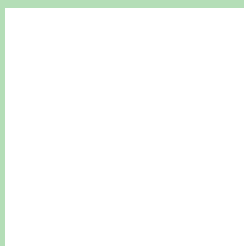
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4909, 65.3647, 54.5971

Background



This preview shows how black text looks on a background with the XYZ color 53.4909, 65.3647, 54.5971.

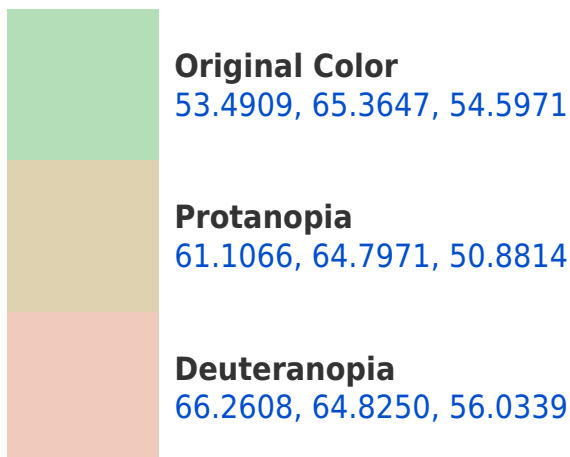


This preview shows how white text looks on a background with the XYZ color 53.4909, 65.3647,

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





Tritanopia

59.6050, 65.1184, 85.7715

Trichromacy



Original Color

53.4909, 65.3647, 54.5971

Protanomaly

57.9154, 64.6132, 52.0670

Deuteranomaly

60.8230, 64.5438, 55.7069

Tritanomaly

57.2166, 65.3121, 73.2092

Monochromacy



Original Color

53.4909, 65.3647, 54.5971

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1373, 62.3555, 61.9004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4909, 65.3647, 54.5971 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, 222, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 183)  
}
```

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, 222, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.4909, 65.3647, 54.5971 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, 222, 183) }
```


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

```
.border{ border-color:rgb(180, 222, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 222, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4909, 65.3647, 54.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 183) }
```

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

```
.background{ background-color: rgb(180,  
222, 183) }
```

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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