

Converting Colors

XYZ(53.5643, 64.9523, 51.7721)

Have a look what the booklet for
XYZ(53.5643, 64.9523, 51.7721)
contains.

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Color

**XYZ(53.6595, 65.1176,
51.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DDB2
RGB	184, 221, 178
RGB Percent	72%, 87%, 70%
CMY	0.2784, 0.1333, 0.3020
CMYK	0.17, 0.00, 0.19, 0.13
HSL	112°, 39%, 78%
HSV	112°, 19%, 87%
XYZ	53.6595, 65.1176, 51.8603
YIQ	205.0350, -8.2490, -21.2170

Conversions

Conversions Part 2

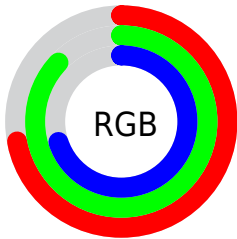
Format	Color
RYB	178, 221, 215
Decimal	12115378
CIELab	84.54, -20.14, 17.16
CIELCh	85, 26.458, 139.561
Yxy	65.1176, 0.3145, 0.3816
Android (android.graphics.Color)	4290305458 (0xFFB8DDB2)
YUV	205.0350, -13.3283, -18.4477
Hunter-Lab	80.6955, -22.5212, 18.3831

Details

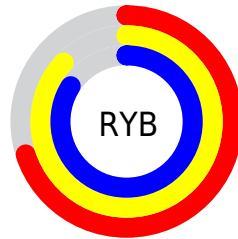
The XYZ color **53.6595, 65.1176, 51.8603** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.9986, 51.5102, 75.3483**, and the grayscale version is **58.1379, 61.1656, 66.6094**.

A 20% lighter version of the original color is **86.5465, 95.9858, 91.8075**, and **26.5438, 33.4989, 24.4690** is the 20% darker color. If you saturate the color by 10%, you get **47.3638, 62.1100, 40.9008**, and if you desaturate by 10%, it is **60.9287, 68.5895, 64.7342**.

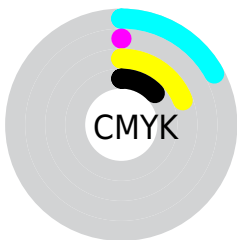
Distribution



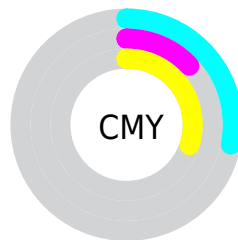
- Red (72%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6595, 65.1176, 51.8603 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 53.6595, 65.1176, 51.8603 by changing the saturation by 10% instead.

■ 53.6595, 65.1176,
51.8603

■ 53.6595, 65.1176,
51.8603

391.0298,
443.2145, 410.8386

■ 38.5591, 47.5564,
36.5123

■ 94.7339, 112.2189,
94.3497

■ 26.5961, 33.4758,
24.5373

121.4387,
142.5279, 122.3281

■ 17.4051, 22.4912,
15.5168

152.7422,
177.8549, 155.3537

■ 10.6208, 14.2182,
9.0322

189.0100,
218.5843, 193.8450

■ 5.8779, 8.2726,
4.6651

230.6073,
265.1006, 238.2206

■ 2.8109, 4.2699,
1.9969

277.8994,

■ 1.0546, 1.8256,

317.7881, 288.8991

0.5533

331.2518,
377.0313, 346.2989

0.0000, 0.5031,
0.0000

0.0000, 0.0000,
0.0000

53.6595, 65.1176,
51.8603

53.6595, 65.1176,
51.8603

47.3638, 62.1100,
40.9008

60.9287, 68.5895,
64.7342

41.9950, 59.5391,
31.7604

69.2049, 72.5355,
79.6032

37.5105, 57.3868,
24.3417

78.5267, 76.9757,
96.5486

33.8623, 55.6307,
18.5369

85.1477, 80.1955,
105.5992

■ 30.9975, 54.2464,
14.2259

■ 28.8575, 53.2063,
11.2720

■ 27.3746, 52.4792,
9.5131

■ 26.4557, 52.0230,
8.6815

■ 26.4178, 52.0042,
8.6455

Harmonies

Analogous

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



58.1741, 65.1176, 44.4999



53.6595, 65.1176, 51.8603



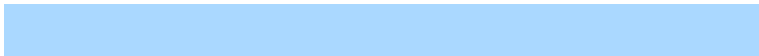
51.4003, 65.1176, 65.1810

Triad

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



53.6595, 65.1176, 51.8603



59.8611, 65.1176, 107.8609



73.1999, 65.1176, 60.5786

Complementary

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



53.6595, 65.1176, 51.8603



56.9986, 51.5102, 75.3483

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.



73.7230, 65.1176, 76.9483



53.6595, 65.1176, 51.8603



65.7657, 65.1176, 106.1030

Square

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



53.6595, 65.1176, 51.8603



54.8269, 65.1176, 98.5918



70.9269, 65.1176, 94.1130



69.5400, 65.1176, 48.9526

Rectangle

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



53.6595, 65.1176, 51.8603



51.3736, 65.1176, 76.4321



70.9269, 65.1176, 94.1130



73.7569, 65.1176, 65.6453

Sweetspot

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



53.6612, 65.1204, 51.8617



88.0048, 96.6414, 96.2199



62.0435, 66.9616, 51.7753



18.6792, 20.6102, 20.3129



0.0000, 0.0000, 0.0000



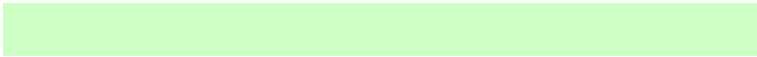
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6612, 65.1204, 51.8617



70.8116, 88.4342, 65.7710



53.8498, 65.0333, 60.1975



13.0546, 14.6929, 13.8735



15.4016, 30.2373, 5.0246



1.0532, 1.9875, 0.3281

Inverse Universe

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



56.9986, 51.5102, 75.3483



76.1626, 66.5990, 103.4484



56.8760, 51.6685, 65.3384



13.4265, 13.1780, 16.4881



20.0143, 9.4419, 40.5060



1.3468, 0.6376, 2.6265

Previews

White Background



This preview shows how the XYZ color 53.6595, 65.1176, 51.8603 looks on a white background.

Color Contrast Check

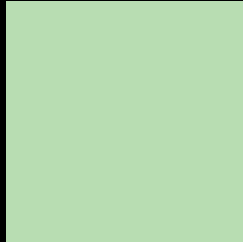
Large Text (above 18pt) WCAG AA × Fail

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 53.6595, 65.1176, 51.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

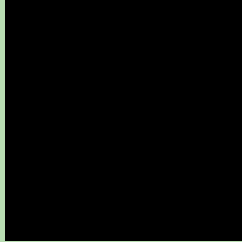
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6595, 65.1176, 51.8603

Background



This preview shows how black text looks on a background with the XYZ color 53.6595, 65.1176, 51.8603.



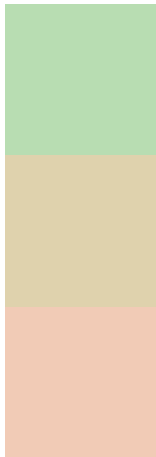
This preview shows how white text looks on a background with the XYZ color 53.6595, 65.1176,

51.8603.

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

53.6595, 65.1176, 51.8603

Protanopia

61.0208, 64.7983, 48.8263

Deuteranopia

66.0751, 64.7900, 53.2792



Tritanopia

60.4627, 65.2001, 84.9995

Trichromacy



Original Color

53.6595, 65.1176, 51.8603

Protanomaly

58.0789, 64.7436, 49.9931

Deuteranomaly

60.9023, 64.6450, 52.9839

Tritanomaly

57.9317, 65.3263, 71.8433

Monochromacy



Original Color

53.6595, 65.1176, 51.8603

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1705, 62.3990, 60.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6595, 65.1176, 51.8603 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(184, 221, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 178)  
}
```

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(184, 221, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.6595, 65.1176, 51.8603 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(184, 221, 178) }
```


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

```
.border{ border-color:rgb(184, 221, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 221, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 221, 178); box-shadow:4px 4px 4px 4px rgb(184, 221, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6595, 65.1176, 51.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 178) }
```

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

```
.background{ background-color: rgb(184,  
221, 178) }
```

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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