

Converting Colors

XYZ(53.1211, 65.5688, 53.4327)

Have a look what the booklet for
XYZ(53.1211, 65.5688, 53.4327)
contains.

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Color

**XYZ(53.0883, 65.5765,
53.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DFB5
RGB	178, 223, 181
RGB Percent	70%, 87%, 71%
CMY	0.3020, 0.1255, 0.2902
CMYK	0.20, 0.00, 0.19, 0.13
HSL	124°, 41%, 79%
HSV	124°, 20%, 87%
XYZ	53.0883, 65.5765, 53.5755
YIQ	204.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

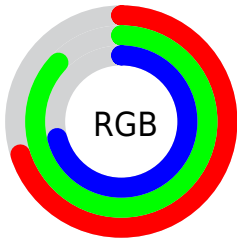
Format	Color
RYB	178, 220, 223
Decimal	11722677
CIELab	84.78, -22.62, 15.86
CIELCh	85, 27.632, 144.961
Yxy	65.5765, 0.3082, 0.3807
Android (android.graphics.Color)	4289912757 (0xFFB2DFB5)
YUV	204.7570, -11.7122, -23.4659
Hunter-Lab	80.9793, -24.6930, 17.4596

Details

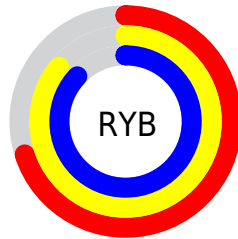
The XYZ color **53.0883, 65.5765, 53.5755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.2724, 52.6977, 74.7609**, and the grayscale version is **57.9535, 60.9716, 66.3981**.

A 20% lighter version of the original color is **84.9777, 95.1268, 94.0033**, and **26.3564, 33.9238, 25.5809** is the 20% darker color. If you saturate the color by 10%, you get **46.4031, 62.3606, 42.9351**, and if you desaturate by 10%, it is **60.9279, 69.3544, 65.9382**.

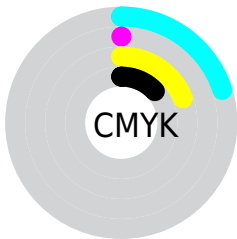
Distribution



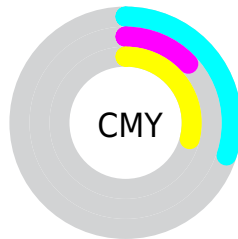
- Red (70%)
- Green (87%)
- Blue (71%)



- Red (70%)
- Yellow (86%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0883, 65.5765, 53.5755 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 53.0883, 65.5765, 53.5755 by changing the saturation by 10% instead.

■ 53.0883, 65.5765,
53.5755

■ 53.0883, 65.5765,
53.5755

388.8791,
444.8608, 417.6179

■ 38.1010, 47.9287,
37.8715

■ 93.8991, 112.8783,
96.9008

■ 26.2387, 33.7704,
25.5819

120.4532,
143.3010, 125.3592

■ 17.1359, 22.7173,
16.2882

151.5938,
178.7509, 158.9061

■ 10.4273, 14.3849,
9.5718

187.6860,
219.6123, 197.9601

■ 5.7476, 8.3888,
5.0141

229.0953,
266.2696, 242.9398

■ 2.7314, 4.3448,
2.1966

276.1870,

■ 1.0134, 1.8682,

319.1072, 294.2636

0.6724

329.3265,
378.5094, 352.3502

0.0000, 0.5292,
0.0000

0.0000, 0.0000,
0.0000

53.0883, 65.5765,
53.5755

53.0883, 65.5765,
53.5755

46.4031, 62.3606,
42.9351

60.9279, 69.3544,
65.9382

40.8128, 59.6721,
33.9365

69.9674, 73.7105,
80.0902

36.2605, 57.4852,
26.4993

80.2560, 78.6708,
96.1003

32.6822, 55.7689,
20.5346

85.6789, 81.2578,
105.7763

■ 30.0067, 54.4884,
15.9446

■ 28.1529, 53.6044,
12.6196

■ 27.0255, 53.0704,
10.4332

■ 26.4742, 52.8120,
9.2454

Harmonies

Analogous

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



57.4426, 65.5765, 44.7576



53.0883, 65.5765, 53.5755



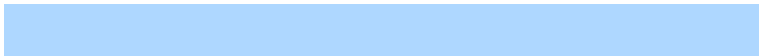
51.2151, 65.5765, 68.4513

Triad

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



53.0883, 65.5765, 53.5755



61.2896, 65.5765, 110.9936



73.7456, 65.5765, 57.9696

Complementary

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



53.0883, 65.5765, 53.5755



59.2724, 52.6977, 74.7609

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.



74.9434, 65.5765, 74.4356



53.0883, 65.5765, 53.5755



67.4839, 65.5765, 106.9506

Square

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



53.0883, 65.5765, 53.5755



55.7460, 65.5765, 103.0814



72.5831, 65.5765, 92.7991



69.4098, 65.5765, 46.9849

Rectangle

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



53.0883, 65.5765, 53.5755



51.5291, 65.5765, 80.5618



72.5831, 65.5765, 92.7991



74.5402, 65.5765, 62.9636

Sweetspot

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



53.0901, 65.5793, 53.5769



87.4288, 96.3270, 96.9849



64.1691, 71.3259, 52.5055



18.5437, 20.5362, 20.4929



0.0000, 0.0000, 0.0000



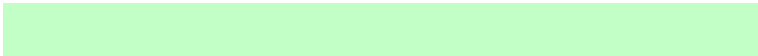
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0901, 65.5793, 53.5769



68.1360, 87.0346, 66.5617



55.4995, 66.5431, 66.2648



13.5657, 15.3520, 14.7480



15.5803, 31.0570, 5.5127



1.0931, 2.1580, 0.4517

Inverse Universe

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



59.2724, 52.6977, 74.7609



77.8873, 66.7146, 99.9728



56.5758, 51.6190, 60.5608



14.2535, 13.9190, 17.1051



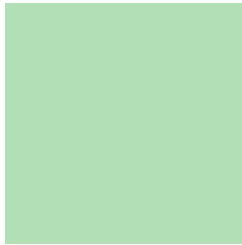
24.6139, 11.9126, 36.2283



1.7182, 0.8305, 2.5746

Previews

White Background



This preview shows how the XYZ color 53.0883, 65.5765, 53.5755 looks on a white background.

Color Contrast Check

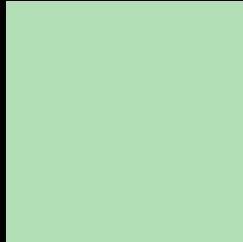
Large Text (above 18pt) WCAG AA × Fail

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 53.0883, 65.5765, 53.5755 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 53.0883, 65.5765, 53.5755

Background



This preview shows how black text looks on a background with the XYZ color 53.0883, 65.5765, 53.5755.



This preview shows how white text looks on a background with the XYZ color 53.0883, 65.5765,

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

53.0883, 65.5765, 53.5755

Protanopia

61.4636, 65.3717, 49.9360

Deuteranopia

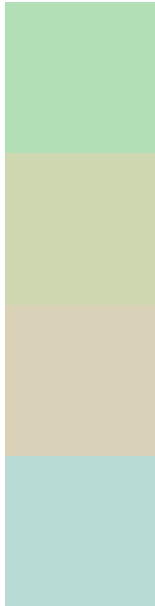
66.3885, 64.9154, 54.9298



Tritanopia

59.7574, 65.5597, 86.5955

Trichromacy



Original Color

53.0883, 65.5765, 53.5755

Protanomaly

57.9684, 65.0406, 51.0938

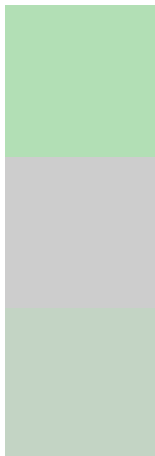
Deuteranomaly

60.6118, 64.4593, 54.5947

Tritanomaly

57.2363, 65.7084, 73.2846

Monochromacy



Original Color

53.0883, 65.5765, 53.5755

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.0130, 62.6746, 61.3698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0883, 65.5765, 53.5755 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(178, 223, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 223, 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(178, 223, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 223, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.0883, 65.5765, 53.5755 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(178, 223, 181) }
```


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

```
.border{ border-color:rgb(178, 223, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 223, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 223, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 223, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 223,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0883, 65.5765, 53.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 223, 181) }
```

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

```
.background{ background-color: rgb(178,  
223, 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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