

Converting Colors

XYZ(53.0185, 65.5723, 52.2103)

Have a look what the booklet for
XYZ(53.0185, 65.5723, 52.2103)
contains.

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Color

**XYZ(53.0140, 65.5734,
51.9823)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DFB2
RGB	179, 223, 178
RGB Percent	70%, 87%, 70%
CMY	0.2980, 0.1255, 0.3020
CMYK	0.20, 0.00, 0.20, 0.13
HSL	119°, 41%, 79%
HSV	119°, 20%, 87%
XYZ	53.0140, 65.5734, 51.9823
YIQ	204.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

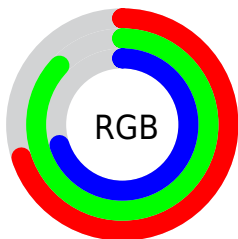
Format	Color
RYB	178, 223, 222
Decimal	11788210
CIELab	84.78, -22.81, 17.44
CIElCh	85, 28.715, 142.594
Yxy	65.5734, 0.3108, 0.3844
Android (android.graphics.Color)	4289978290 (0xFFB3DFB2)
YUV	204.7140, -13.1700, -22.5512
Hunter-Lab	80.9774, -24.8507, 18.6238

Details

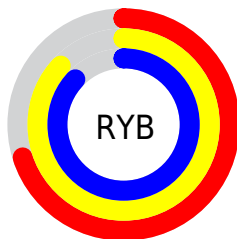
The XYZ color **53.0140, 65.5734, 51.9823** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.3665, 52.7000, 76.8585**, and the grayscale version is **57.9345, 60.9516, 66.3762**.

A 20% lighter version of the original color is **84.8722, 95.1227, 91.7292**, and **26.3085, 33.9216, 24.5629** is the 20% darker color. If you saturate the color by 10%, you get **46.3074, 62.3559, 40.9154**, and if you desaturate by 10%, it is **60.8851, 69.3529, 65.0065**.

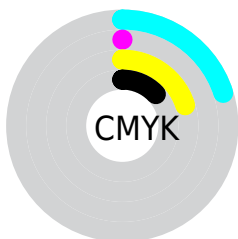
Distribution



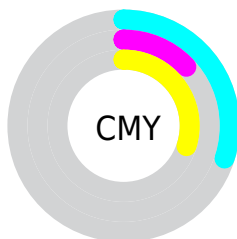
- Red (70%)
- Green (87%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0140, 65.5734, 51.9823 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 53.0140, 65.5734, 51.9823 by changing the saturation by 10% instead.

■ 53.0140, 65.5734,
51.9823

■ 53.0140, 65.5734,
51.9823

388.5988,
444.8497, 411.3233

■ 38.0415, 47.9262,
36.6088

■ 93.7904, 112.8738,
94.5315

■ 26.1922, 33.7684,
24.6114

120.3249,
143.2958, 122.5442

■ 17.1009, 22.7158,
15.5714

151.4442,
178.7449, 155.6071

■ 10.4022, 14.3838,
9.0703

187.5136,
219.6054, 194.1388

■ 5.7308, 8.3881,
4.6896

228.8983,
266.2617, 238.5577

■ 2.7212, 4.3443,
2.0108


275.9639,

■ 1.0081, 1.8679,


319.0983, 289.2824


0.5619


329.0756,
378.4995, 346.7314


 0.0000, 0.5290,
0.0000


 0.0000, 0.0000,
0.0000

 53.0140, 65.5734,
51.9823


 53.0140, 65.5734,
51.9823


 46.3074, 62.3559,
40.9154


 60.8851, 69.3529,
65.0065


 40.7051, 59.6658,
31.7071

 69.9667, 73.7106,
80.0716

 36.1494, 57.4775,
24.2570

 80.3087, 78.6723,
97.2614

 32.5755, 55.7598,
18.4530

 85.6789, 81.2579,
105.7763

■ 29.9111, 54.4783,
14.1707

■ 28.0743, 53.5938,
11.2675

■ 26.9682, 53.0599,
9.5742

■ 26.4509, 52.8098,
8.7992

Harmonies

Analogous

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



57.6964, 65.5734, 43.4503



53.0140, 65.5734, 51.9823



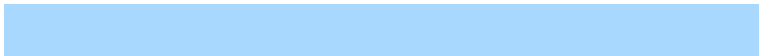
50.8548, 65.5734, 66.9323

Triad

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



53.0140, 65.5734, 51.9823



60.7460, 65.5734, 112.5673



74.4473, 65.5734, 58.6436

Complementary

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



53.0140, 65.5734, 51.9823



59.3665, 52.7000, 76.8585

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.



75.4032, 65.5734, 76.0586



53.0140, 65.5734, 51.9823



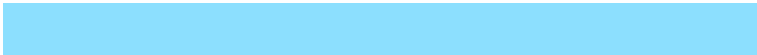
67.1959, 65.5734, 109.3187

Square

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



53.0140, 65.5734, 51.9823



55.1150, 65.5734, 103.3692



72.6682, 65.5734, 95.1314



70.1390, 65.5734, 46.8097

Rectangle

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



53.0140, 65.5734, 51.9823



51.0246, 65.5734, 79.3981



72.6682, 65.5734, 95.1314



75.1828, 65.5734, 63.9547

Sweetspot

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



53.0157, 65.5762, 51.9837



87.3923, 96.3257, 96.1913



64.4589, 70.8830, 52.4049



18.5351, 20.5359, 20.3062



0.0000, 0.0000, 0.0000



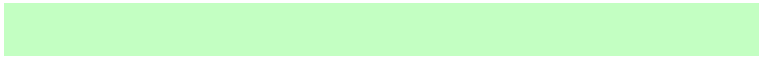
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0157, 65.5762, 51.9837



68.0220, 87.0294, 64.1345



55.0587, 66.3668, 63.9430



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.



59.3665, 52.7000, 76.8585



78.0390, 66.7177, 103.3724



57.0147, 51.7947, 62.8716



14.2634, 13.9193, 17.3226



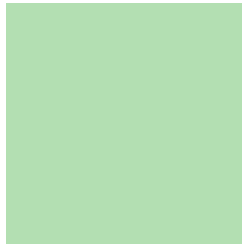
24.8541, 11.9081, 42.0369



1.7324, 0.8304, 2.9142

Previews

White Background



This preview shows how the XYZ color 53.0140, 65.5734, 51.9823 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 53.0140, 65.5734, 51.9823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

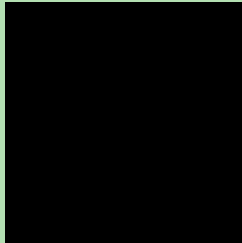
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0140, 65.5734, 51.9823

Background



This preview shows how black text looks on a background with the XYZ color 53.0140, 65.5734, 51.9823.



This preview shows how white text looks on a background with the XYZ color 53.0140, 65.5734,

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

53.0140, 65.5734, 51.9823

Protanopia

61.4811, 65.4144, 48.4156

Deuteranopia

66.4174, 64.9665, 53.2952



Tritanopia

60.0029, 65.6863, 86.6070

Trichromacy



Original Color

53.0140, 65.5734, 51.9823

Protanomaly

57.9528, 65.0668, 49.5491

Deuteranomaly

60.6005, 64.4895, 52.9698

Tritanomaly

57.3493, 65.7814, 72.6252

Monochromacy



Original Color

53.0140, 65.5734, 51.9823

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1588, 62.7629, 60.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0140, 65.5734, 51.9823 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(179, 223, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 223, 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(179, 223, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 223, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.0140, 65.5734, 51.9823 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(179, 223, 178) }
```


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

```
.border{ border-color:rgb(179, 223, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 223, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 223, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 223, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 223,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0140, 65.5734, 51.9823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 223, 178) }
```

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

```
.background{ background-color: rgb(179,  
223, 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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