

Converting Colors

XYZ(41.4361, 52.8194, 59.7275)

Have a look what the booklet for
XYZ(41.4361, 52.8194, 59.7275)
contains.

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Color

**XYZ(41.5945, 53.0693,
59.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	85CEC3
RGB	133, 206, 195
RGB Percent	52%, 81%, 76%
CMY	0.4784, 0.1921, 0.2353
CMYK	0.35, 0.00, 0.05, 0.19
HSL	171°, 43%, 66%
HSV	171°, 35%, 81%
XYZ	41.5945, 53.0693, 59.6809
YIQ	182.9190, -39.9770, -18.8970

Conversions

Conversions Part 2

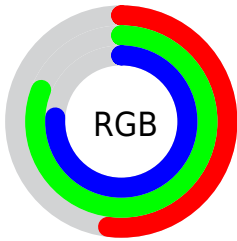
Format	Color
RYB	133, 172, 206
Decimal	8769219
CIELab	77.92, -25.20, -1.75
CIELCh	78, 25.262, 183.980
Yxy	53.0693, 0.2695, 0.3438
Android (android.graphics.Color)	4286959299 (0xFF85CEC3)
YUV	182.9190, 5.9559, -43.7790
Hunter-Lab	72.8487, -25.5668, 2.4211

Details

The XYZ color **41.5945, 53.0693, 59.6809** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.8770, 31.9119, 30.4982**, and the grayscale version is **44.9507, 47.2916, 51.5006**.

A 20% lighter version of the original color is **74.1589, 89.3039, 104.5956**, and **19.0988, 25.7186, 29.1569** is the 20% darker color. If you saturate the color by 10%, you get **38.3086, 51.4169, 57.7146**, and if you desaturate by 10%, it is **45.5285, 55.0577, 61.7180**.

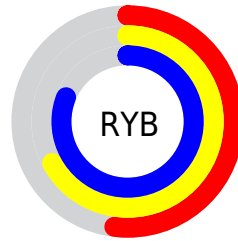
Distribution



Red (52%)

Green (81%)

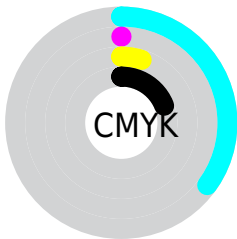
Blue (76%)



Red (52%)

Yellow (67%)

Blue (81%)

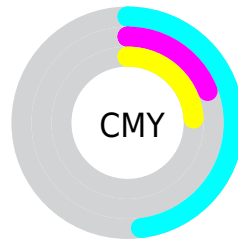


Cyan (35%)

Magenta (0%)

Yellow (5%)

Black (19%)



Cyan (48%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5945, 53.0693, 59.6809 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 41.5945, 53.0693, 59.6809 by changing the saturation by 10% instead.


 41.5945, 53.0693,
59.6809


 41.5945, 53.0693,
59.6809


343.8195,
398.5509, 441.1925

 28.9736, 37.8581,
42.7379


 76.8546, 94.7063,
105.9055

 19.2051, 25.8726,
29.3496


 100.2245,
121.9010, 136.0241

 11.9234, 16.7283,
19.0976


 127.9081,
153.8588, 171.3716

 6.7634, 10.0410,
11.5633

160.2708,
190.9644, 212.3667

 3.3596, 5.4261,
6.3282

197.6779,
233.6019, 259.4278

 1.3466, 2.4994,
2.9736

240.4949,

 0.2177, 0.8763,

282.1560, 312.9734

1.0812

289.0869,
337.0108, 373.4221

■ 0.0000, 0.0000,
0.0000

■ 41.5945, 53.0693,
59.6809

■ 41.5945, 53.0693,
59.6809

■ 38.3086, 51.4169,
57.7146

■ 45.5285, 55.0577,
61.7180

■ 35.6288, 50.0747,
55.8133

■ 50.1406, 57.3935,
63.8240

■ 33.5153, 49.0236,
53.9763

■ 55.4643, 60.0953,
66.0018

■ 31.9213, 48.2395,
52.2009

■ 61.5294, 63.1784,
68.2532

■ 30.7928, 47.6945,
50.4845

■ 68.3643, 66.6575,
70.5795

■ 30.0633, 47.3545,
48.8238

■ 75.4026, 70.2406,
72.9546

■ 29.8058, 47.2379,
48.0817

■ 75.8022, 70.4004,
75.0585

■ 76.2093, 70.5633,
77.2023

■ 76.6240, 70.7292,
79.3864

Harmonies

Analogous

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



42.4216, 53.0693, 46.7126



41.5945, 53.0693, 59.6809



43.0083, 53.0693, 74.2553

Triad

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



41.5945, 53.0693, 59.6809



55.9049, 53.0693, 83.2367



54.6979, 53.0693, 36.7278

Complementary

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



41.5945, 53.0693, 59.6809



38.8770, 31.9119, 30.4982

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.



58.6838, 53.0693, 43.9476



41.5945, 53.0693, 59.6809



59.4118, 53.0693, 70.4783

Square

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



41.5945, 53.0693, 59.6809



51.0990, 53.0693, 89.1802



60.4600, 53.0693, 55.9266



49.7882, 53.0693, 34.7848

Rectangle

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



41.5945, 53.0693, 59.6809



45.0887, 53.0693, 82.5341



60.4600, 53.0693, 55.9266



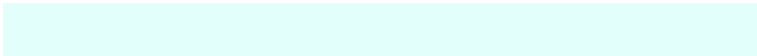
56.2004, 53.0693, 38.5533

Sweetspot

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



41.5960, 53.0714, 59.6821



84.7995, 94.7935, 104.9064



38.0130, 51.8732, 30.2003



17.9020, 20.1636, 22.3511



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.



41.5960, 53.0714, 59.6821



63.0012, 83.7725, 94.1038



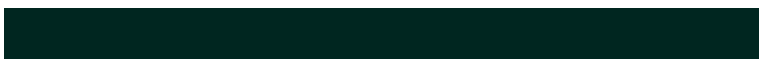
37.4748, 42.7641, 64.6741



11.4678, 12.6969, 14.0207



18.3814, 29.0978, 29.7569



0.9685, 1.5092, 1.6416

Inverse Universe

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



38.8770, 31.9119, 30.4982



57.9295, 44.2222, 39.6071



41.8025, 39.0438, 27.5243



11.2801, 11.2408, 12.0096



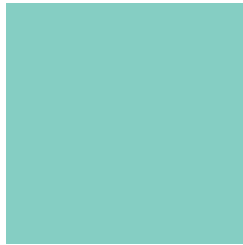
15.8488, 8.1501, 1.6564



0.8402, 0.4295, 0.2042

Previews

White Background



This preview shows how the XYZ color 41.5945, 53.0693, 59.6809 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 41.5945, 53.0693, 59.6809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

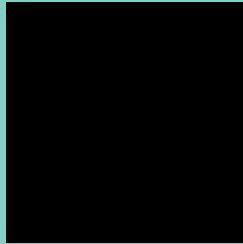
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

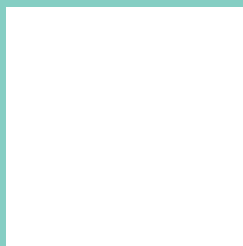
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5945, 53.0693, 59.6809

Background



This preview shows how black text looks on a background with the XYZ color 41.5945, 53.0693, 59.6809.

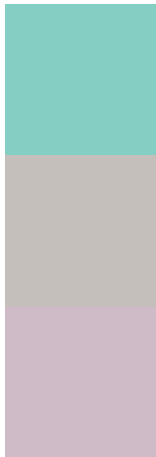


This preview shows how white text looks on a background with the XYZ color 41.5945, 53.0693,

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

41.5945, 53.0693, 59.6809

Protanopia

50.2587, 52.5425, 53.9472

Deuteranopia

53.5998, 52.5067, 61.3426



Tritanopia

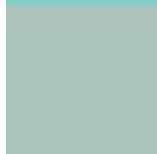
44.5542, 52.8445, 74.8696

Trichromacy



Original Color

41.5945, 53.0693, 59.6809



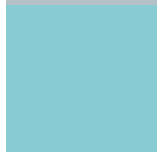
Protanomaly

46.1588, 52.0382, 55.7557



Deuteranomaly

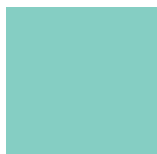
48.0854, 51.9204, 60.9134



Tritanomaly

43.3053, 52.6834, 68.8592

Monochromacy



Original Color

41.5945, 53.0693, 59.6809



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.1175, 48.8488, 54.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5945, 53.0693, 59.6809 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(133, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(133, 206, 195)  
}
```

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(133, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 206, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.5945, 53.0693, 59.6809 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(133, 206, 195) }
```


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

```
.border{ border-color:rgb(133, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(133, 206,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5945, 53.0693, 59.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 206, 195) }
```

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

```
.background{ background-color: rgb(133,  
206, 195) }
```

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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