

Converting Colors

XYZ(35.1140, 54.8223, 54.1701)

Have a look what the booklet for
XYZ(35.1140, 54.8223, 54.1701)
contains.

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Color

**XYZ(35.0220, 54.6592,
54.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	2CDDB8
RGB	44, 219, 184
RGB Percent	17%, 86%, 72%
CMY	0.8274, 0.1412, 0.2784
CMYK	0.80, 0.00, 0.16, 0.14
HSL	168°, 71%, 52%
HSV	168°, 80%, 86%
XYZ	35.0220, 54.6592, 54.0518
YIQ	162.6850, -93.0650, -47.9850

Conversions

Conversions Part 2

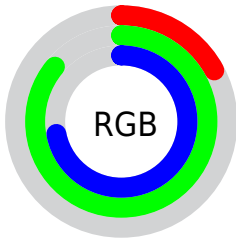
Format	Color
R _Y B	44, 141, 219
Decimal	2939832
CIE Lab	78.84, -50.36, 5.16
CIE LCh	79, 50.620, 174.144
Yxy	54.6592, 0.2437, 0.3803
Android (android.graphics.Color)	4281129912 (0xFF2CDBB8)
YUV	162.6850, 10.5083, -104.0867
Hunter-Lab	73.9319, -44.8242, 8.4052

Details

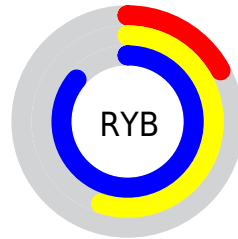
The XYZ color **35.0220, 54.6592, 54.0518** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **31.5274, 17.4276, 9.1019**, and the grayscale version is **34.6501, 36.4546, 39.6990**.

A 20% lighter version of the original color is **59.2339, 81.8043, 95.1059**, and **17.1939, 27.8331, 25.9388** is the 20% darker color. If you saturate the color by 10%, you get **33.8654, 54.1165, 51.6386**, and if you desaturate by 10%, it is **36.6916, 55.4674, 56.5657**.

Distribution



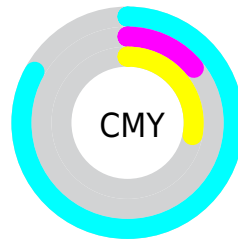
- Red (17%)
- Green (86%)
- Blue (72%)



- Red (17%)
- Yellow (55%)
- Blue (86%)



- Cyan (80%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (83%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0220, 54.6592, 54.0518 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 35.0220, 54.6592, 54.0518 by changing the saturation by 10% instead.


 35.0220, 54.6592,
54.0518


 35.0220, 54.6592,
54.0518


316.1717,
404.6188, 419.4877


 23.8464, 39.1289,
38.2496


 66.8536, 97.0415,
97.6075


 15.3438, 26.8600,
25.8731


 88.2404, 124.6622,
126.1980


 9.1489, 17.4681,
16.5039

 113.7616,
157.0820, 159.8885

 4.8963, 10.5688,
9.7232

 143.7826,
194.6850, 199.0973

 2.2207, 5.7777,
5.1126

 178.6688,
237.8559, 244.2431

 0.7536, 2.7104,
2.2536

218.7855,

 0.0000, 0.9825,

286.9788, 295.7444

0.7050

264.4980,
342.4383, 354.0198

■ 0.0000, 0.0000,
0.0000

■ 35.0220, 54.6592,
54.0518

■ 35.0220, 54.6592,
54.0518

■ 33.8654, 54.1165,
51.6386

■ 36.6916, 55.4674,
56.5657

■ 33.0966, 53.7708,
49.3159

■ 38.9384, 56.5701,
59.1802

■ 33.0898, 53.7678,
49.2939

■ 41.8216, 57.9992,
61.9001

■ 45.3921, 59.7810,
64.7283

■ 49.6954, 61.9388,
67.6677

■ 54.7731, 64.4941,
70.7207

■ 60.6635, 67.4667,
73.8897

■ 67.4027, 70.8751,
77.1771

■ 75.0242, 74.7366,
80.5851

Harmonies

Analogous

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



37.8281, 54.6592, 32.6562



35.0220, 54.6592, 54.0518



36.2567, 54.6592, 85.1043

Triad

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



35.0220, 54.6592, 54.0518



60.2520, 54.6592, 125.5358



64.0955, 54.6592, 25.0185

Complementary

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



35.0220, 54.6592, 54.0518



31.5274, 17.4276, 9.1019

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.



71.6266, 54.6592, 39.6496



35.0220, 54.6592, 54.0518



69.2151, 54.6592, 98.1129

Square

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



35.0220, 54.6592, 54.0518



50.0077, 54.6592, 133.1630



73.6111, 54.6592, 65.3335



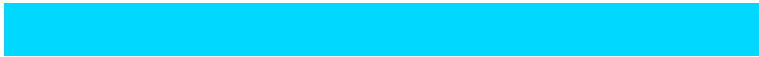
53.9459, 54.6592, 19.7270

Rectangle

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



35.0220, 54.6592, 54.0518



39.2977, 54.6592, 106.9022



73.6111, 54.6592, 65.3335



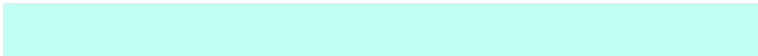
67.0671, 54.6592, 28.7243

Sweetspot

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



35.0235, 54.6613, 54.0531



74.0981, 89.4194, 97.9575



29.2606, 52.6373, 11.0019



15.3183, 18.8669, 20.6368



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.



35.0235, 54.6613, 54.0531



47.0325, 76.0438, 70.6140



28.0926, 34.1838, 72.1377



13.3274, 14.7826, 16.1871



19.6599, 31.8966, 29.4381



1.3026, 2.0780, 2.0597

Inverse Universe

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



31.5274, 17.4276, 9.1019



42.1444, 21.7989, 6.1465



33.6359, 23.1757, 5.0846



13.1620, 13.0939, 14.1143



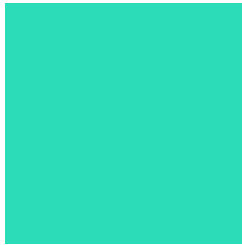
17.6209, 9.0494, 2.3836



1.1725, 0.5986, 0.3174

Previews

White Background



This preview shows how the XYZ color 35.0220, 54.6592, 54.0518 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 35.0220, 54.6592, 54.0518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

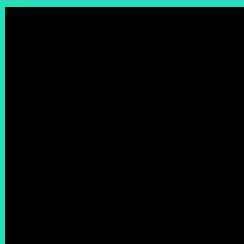
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

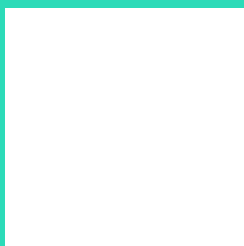
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0220, 54.6592, 54.0518

Background



This preview shows how black text looks on a background with the XYZ color 35.0220, 54.6592, 54.0518.



This preview shows how white text looks on a background with the XYZ color 35.0220, 54.6592,

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

35.0220, 54.6592, 54.0518

Protanopia

50.6828, 53.5988, 45.7045

Deuteranopia

54.6149, 53.4484, 56.7283



Tritanopia

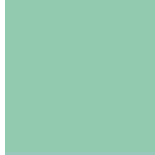
40.9012, 54.7575, 83.2764

Trichromacy



Original Color

35.0220, 54.6592, 54.0518



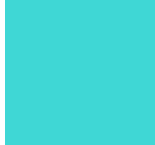
Protanomaly

40.5354, 51.3559, 48.3337



Deuteranomaly

42.4494, 51.1531, 55.2132



Tritanomaly

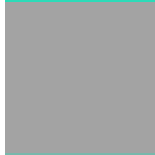
38.3606, 54.4617, 71.4411

Monochromacy



Original Color

35.0220, 54.6592, 54.0518



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.0299, 40.8003, 44.7152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0220, 54.6592, 54.0518 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(44, 219, 184)` looks like.

```
.text, #text, p{  
    color:rgb(44, 219, 184)  
}
```

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(44, 219, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 219, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.0220, 54.6592, 54.0518 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(44, 219, 184) }
```


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

```
.border{ border-color:rgb(44, 219, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 219, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 219, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 219, 184);  
box-shadow:4px 4px 4px 4px rgb(44, 219,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0220, 54.6592, 54.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 219, 184) }
```

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

```
.background{ background-color: rgb(44, 219,  
184) }
```

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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