

Converting Colors

XYZ(33.1699, 52.9797, 34.4645)

Have a look what the booklet for
XYZ(33.1699, 52.9797, 34.4645)
contains.

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Color

**XYZ(33.1699, 52.9797,
34.4645)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 54D88F |
| RGB | 84, 216, 143 |
| RGB Percent | 33%, 85%, 56% |
| CMY | 0.6706, 0.1529, 0.4392 |
| CMYK | 0.61, 0.00, 0.34, 0.15 |
| HSL | 147°, 63%, 59% |
| HSV | 147°, 61%, 85% |
| XYZ | 33.1699, 52.9797, 34.4645 |
| YIQ | 168.2100, -55.2390, -50.6870 |

Conversions

Conversions Part 2

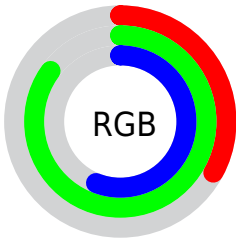
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 84, 175, 216 |
| Decimal | 5560463 |
| CIELab | 77.86, -52.56, 25.53 |
| CIELCh | 78, 58.431, 154.091 |
| Yxy | 52.9797, 0.2750, 0.4392 |
| Android (android.graphics.Color) | 4283750543 (0xFF54D88F) |
| YUV | 168.2100, -12.4285, -73.8522 |
| Hunter-Lab | 72.7872, -46.0331, 22.8774 |

Details

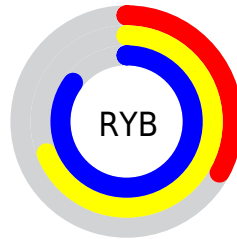
The XYZ color **33.1699, 52.9797, 34.4645** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **37.5766, 23.3749, 34.4312**, and the grayscale version is **37.4023, 39.3502, 42.8523**.

A 20% lighter version of the original color is **57.5151, 81.5710, 65.5367**, and **14.5026, 25.9143, 14.3628** is the 20% darker color. If you saturate the color by 10%, you get **30.6693, 51.7911, 29.8731**, and if you desaturate by 10%, it is **36.3656, 54.5184, 39.5939**.

Distribution



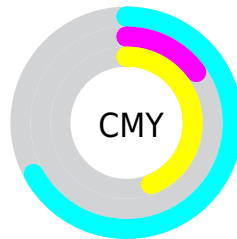
- Red (33%)
- Green (85%)
- Blue (56%)



- Red (33%)
- Yellow (69%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (34%)
- Black (15%)





- Cyan (67%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1699, 52.9797, 34.4645 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 33.1699, 52.9797, 34.4645 by changing the saturation by 10% instead.


 33.1699, 52.9797,
34.4645


 33.1699, 52.9797,
34.4645


308.0661,
398.2072, 337.0305


 22.4165, 37.7866,
22.9704


 63.9936, 94.5745,
67.7975


 14.2816, 25.8171,
14.3666


 84.7946, 121.7449,
90.4735

 8.3998, 16.6868,
8.2344


 109.6755,
153.6766, 117.7139

 4.4057, 10.0115,
4.1554

 139.0017,
190.7539, 149.9372

 1.9341, 5.4066,
1.7110

173.1385,
233.3612, 187.5619

 0.5966, 2.4877,
0.3682

212.4512,

 0.0000, 0.8705,

281.8830, 231.0067

0.0000

257.3053,
336.7035, 280.6900

■ 0.0000, 0.0000,
0.0000

■ 33.1699, 52.9797,
34.4645

■ 33.1699, 52.9797,
34.4645

■ 30.6693, 51.7911,
29.8731

■ 36.3656, 54.5184,
39.5939

■ 28.7998, 50.9156,
25.7974

■ 40.3047, 56.4274,
45.2750

■ 27.4919, 50.3192,
22.2191

■ 45.0358, 58.7329,
51.5257

■ 26.6934, 49.9683,
19.4366

■ 50.6021, 61.4569,
58.3618

■ 57.0435, 64.6197,
65.7983

■ 64.3973, 68.2401,
73.8500

■ 72.6985, 72.3360,
82.5308

■ 81.3131, 76.5802,
91.8232

■ 83.1329, 77.3081,
101.4061

Harmonies

Analogous

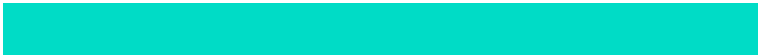
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0899, 52.9797, 19.8702



33.1699, 52.9797, 34.4645



31.5780, 52.9797, 62.2592

Triad

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



33.1699, 52.9797, 34.4645



51.9281, 52.9797, 145.1510



70.6711, 52.9797, 29.2728

Complementary

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



33.1699, 52.9797, 34.4645



37.5766, 23.3749, 34.4312

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, 52.9797, 53.3422



33.1699, 52.9797, 34.4645



63.6012, 52.9797, 126.4470

Square

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



33.1699, 52.9797, 34.4645



41.4114, 52.9797, 134.1189



72.6401, 52.9797, 89.5218



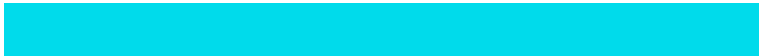
60.5030, 52.9797, 17.7594

Rectangle

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



33.1699, 52.9797, 34.4645



32.9489, 52.9797, 87.1345



72.6401, 52.9797, 89.5218



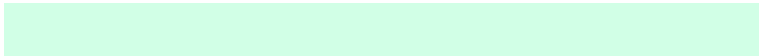
73.0143, 52.9797, 35.7551

Sweetspot

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



33.1713, 52.9818, 34.4657



76.3118, 90.7815, 88.0808



40.4162, 57.1046, 17.2800



15.7729, 19.1559, 18.1917



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.



33.1713, 52.9818, 34.4657



43.8754, 75.0485, 41.9017



39.5006, 55.5136, 67.7954



12.4908, 13.9873, 14.3989



15.8518, 29.5961, 11.7812



0.9974, 1.8016, 0.9282

Inverse Universe

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



37.5766, 23.3749, 34.4312



50.7858, 28.4686, 41.7460



33.4575, 21.7273, 12.7404



12.7078, 12.5346, 14.4016



18.8042, 9.4580, 11.5388



1.1756, 0.5870, 0.9141

Previews

White Background



This preview shows how the XYZ color 33.1699, 52.9797, 34.4645 looks on a white background.

Color Contrast Check

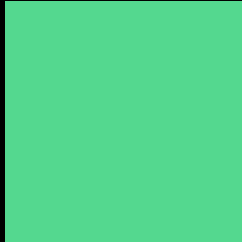
Large Text (above 18pt) WCAG AA × Fail

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 33.1699, 52.9797, 34.4645 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 33.1699, 52.9797, 34.4645

Background



This preview shows how black text looks on a background with the XYZ color 33.1699, 52.9797, 34.4645.

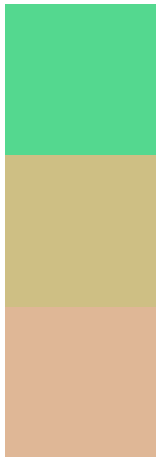


This preview shows how white text looks on a background with the XYZ color 33.1699, 52.9797,

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

33.1699, 52.9797, 34.4645

Protanopia

48.2493, 52.0494, 29.3333

Deuteranopia

52.8699, 51.7570, 36.0577



Tritanopia

41.6973, 52.7215, 77.7906

Trichromacy



Original Color

33.1699, 52.9797, 34.4645



Protanomaly

39.9985, 50.7675, 30.9835



Deuteranomaly

41.7948, 49.9075, 35.0340



Tritanomaly

38.0397, 52.6976, 59.2057

Monochromacy



Original Color

33.1699, 52.9797, 34.4645



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

33.9235, 42.5195, 39.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1699, 52.9797, 34.4645 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(84, 216, 143)` looks like.

```
.text, #text, p{  
    color:rgb(84, 216, 143)  
}
```

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(84, 216, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 216, 143) }
```

Border

The CSS property to change the border of an element to XYZ 33.1699, 52.9797, 34.4645 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(84, 216, 143) }
```


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

```
.border{ border-color:rgb(84, 216, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 216, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 216, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 216, 143);  
box-shadow:4px 4px 4px 4px rgb(84, 216,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1699, 52.9797, 34.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 216, 143) }
```

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

```
.background{ background-color: rgb(84, 216,  
143) }
```

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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