

Converting Colors

XYZ(34.4817, 54.6371, 36.3892)

Have a look what the booklet for
XYZ(34.4817, 54.6371, 36.3892)
contains.

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Color

**XYZ(34.5285, 54.7959,
36.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	57DB93
RGB	87, 219, 147
RGB Percent	34%, 86%, 58%
CMY	0.6588, 0.1412, 0.4235
CMYK	0.60, 0.00, 0.33, 0.14
HSL	147°, 65%, 60%
HSV	147°, 60%, 86%
XYZ	34.5285, 54.7959, 36.3606
YIQ	171.3240, -55.5600, -50.3760

Conversions

Conversions Part 2

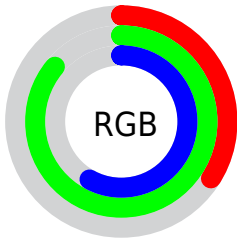
Format	Color
RYB	87, 178, 219
Decimal	5757843
CIELab	78.92, -52.39, 24.90
CIElCh	79, 58.006, 154.574
Yxy	54.7959, 0.2747, 0.4360
Android (android.graphics.Color)	4283947923 (0xFF57DB93)
YUV	171.3240, -11.9917, -73.9521
Hunter-Lab	74.0243, -46.2814, 22.6938

Details

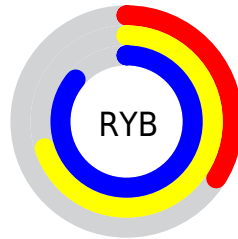
The XYZ color **34.5285, 54.7959, 36.3606** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **38.8814, 24.3809, 35.4597**, and the grayscale version is **38.9514, 40.9799, 44.6271**.

A 20% lighter version of the original color is **58.5154, 82.0329, 68.0082**, and **15.2085, 27.0389, 15.4838** is the 20% darker color. If you saturate the color by 10%, you get **31.8965, 53.5433, 31.5962**, and if you desaturate by 10%, it is **37.8808, 56.4116, 41.6693**.

Distribution



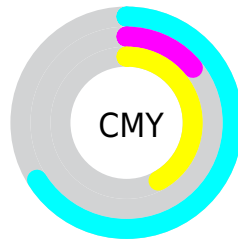
- Red (34%)
- Green (86%)
- Blue (58%)



- Red (34%)
- Yellow (70%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (14%)





- Cyan (66%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5285, 54.7959, 36.3606 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 34.5285, 54.7959, 36.3606 by changing the saturation by 10% instead.


 34.5285, 54.7959,
36.3606


 34.5285, 54.7959,
36.3606


314.0268,
405.1378, 345.6189


 23.4647, 39.2383,
24.4209


 66.0935, 97.2419,
70.7636


 15.0596, 26.9452,
15.4311


 87.3255, 124.8990,
94.0640

 8.9478, 17.5321,
8.9725


 112.6776,
157.3582, 121.9883

 4.7640, 10.6146,
4.6267

 142.5151,
195.0038, 154.9552

 2.1428, 5.8083,
1.9751

177.2034,
238.2201, 193.3832

 0.7123, 2.7289,
0.5399

217.1079,

 0.0000, 0.9919,

287.3916, 237.6908

0.0000

262.5939,
342.9027, 288.2965

■ 0.0000, 0.0000,
0.0000

■ 34.5285, 54.7959,
36.3606

■ 34.5285, 54.7959,
36.3606

■ 31.8965, 53.5433,
31.5962

■ 37.8808, 56.4116,
41.6693

■ 29.9194, 52.6159,
27.3541

■ 42.0028, 58.4110,
47.5358

■ 28.5266, 51.9792,
23.6160

■ 46.9442, 60.8209,
53.9778

■ 27.6108, 51.5764,
20.4415

■ 52.7492, 63.6638,
61.0110

■ 59.4587, 66.9605,
68.6504

67.1111, 70.7306,
76.9106

75.7422, 74.9922,
85.8055

82.6852, 78.3701,
95.2222

84.5445, 79.1139,
105.0134

Harmonies

Analogous

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



40.4960, 54.7959, 21.1892



34.5285, 54.7959, 36.3606



32.9747, 54.7959, 64.8667

Triad

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



34.5285, 54.7959, 36.3606



53.8683, 54.7959, 147.8731



72.5329, 54.7959, 30.4188

Complementary

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



34.5285, 54.7959, 36.3606



38.8814, 24.3809, 35.4597

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.



77.4298, 54.7959, 54.7461



34.5285, 54.7959, 36.3606



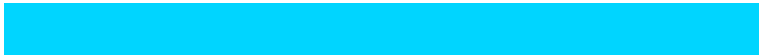
65.6903, 54.7959, 128.6258

Square

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



34.5285, 54.7959, 36.3606



43.1385, 54.7959, 137.2543



74.7582, 54.7959, 91.2558



62.1830, 54.7959, 18.7520

Rectangle

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



34.5285, 54.7959, 36.3606



34.4227, 54.7959, 90.1252



74.7582, 54.7959, 91.2558



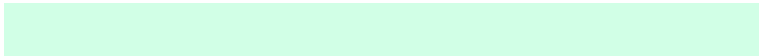
74.9355, 54.7959, 36.9788

Sweetspot

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



34.5299, 54.7981, 36.3619



76.3606, 90.8010, 88.3376



41.4710, 58.7860, 18.1785



15.7848, 19.1606, 18.2540



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.



34.5299, 54.7981, 36.3619



44.2920, 75.2364, 43.1333



41.1980, 57.4653, 71.4754



13.1314, 14.7042, 15.1548



16.4250, 30.6026, 12.4034



1.1072, 1.9998, 1.0305

Inverse Universe

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



38.8814, 24.3809, 35.4597



50.9217, 28.7787, 41.6730



34.6256, 22.6786, 13.0489



13.3517, 13.1698, 15.1131



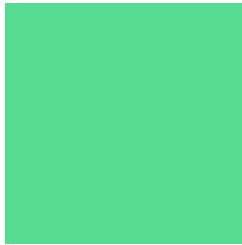
19.3688, 9.7486, 11.5882



1.2981, 0.6489, 0.9786

Previews

White Background



This preview shows how the XYZ color 34.5285, 54.7959, 36.3606 looks on a white background.

Color Contrast Check

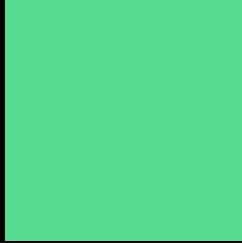
Large Text (above 18pt) WCAG AA × Fail

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 34.5285, 54.7959, 36.3606 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

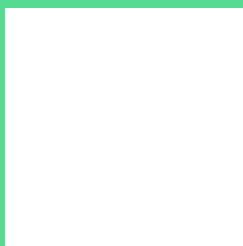
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5285, 54.7959, 36.3606

Background



This preview shows how black text looks on a background with the XYZ color 34.5285, 54.7959, 36.3606.



This preview shows how white text looks on a background with the XYZ color 34.5285, 54.7959,

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

34.5285, 54.7959, 36.3606

Protanopia

50.0302, 53.9165, 31.0626

Deuteranopia

54.7557, 53.6197, 38.0355



Tritanopia

43.2100, 54.5367, 80.2007

Trichromacy



Original Color

34.5285, 54.7959, 36.3606



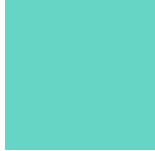
Protanomaly

41.6066, 52.6047, 32.7718



Deuteranomaly

43.4592, 51.7365, 36.9738



Tritanomaly

39.4658, 54.5033, 61.2634

Monochromacy



Original Color

34.5285, 54.7959, 36.3606



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

35.3200, 44.1505, 40.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5285, 54.7959, 36.3606 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(87, 219, 147)` looks like.

```
.text, #text, p{  
    color:rgb(87, 219, 147)  
}
```

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(87, 219, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 219, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.5285, 54.7959, 36.3606 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(87, 219, 147) }
```


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

```
.border{ border-color:rgb(87, 219, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 219, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 219, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 219, 147);  
box-shadow:4px 4px 4px 4px rgb(87, 219,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5285, 54.7959, 36.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 219, 147) }
```

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

```
.background{ background-color: rgb(87, 219,  
147) }
```

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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