

Converting Colors

XYZ(33.0279, 54.1336, 31.2623)

Have a look what the booklet for
XYZ(33.0279, 54.1336, 31.2623)
contains.

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Color

**XYZ(33.0279, 54.1336,
31.2623)**

Conversions

Conversions Part 1

Format	Color
Hex	51DB86
RGB	81, 219, 134
RGB Percent	32%, 86%, 53%
CMY	0.6823, 0.1412, 0.4745
CMYK	0.63, 0.00, 0.39, 0.14
HSL	143°, 66%, 59%
HSV	143°, 63%, 86%
XYZ	33.0279, 54.1336, 31.2623
YIQ	168.0480, -54.9630, -55.6910

Conversions

Conversions Part 2

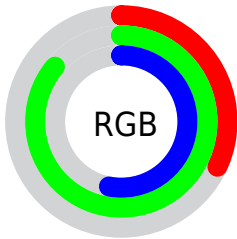
Format	Color
R_{YB}	81, 181, 219
Decimal	5364614
CIE _{Lab}	78.54, -55.98, 31.06
CIE _{LCh}	79, 64.016, 150.978
Yxy	54.1336, 0.2789, 0.4571
Android (android.graphics.Color)	4283554694 (0xFF51DB86)
YUV	168.0480, -16.7857, -76.3411
Hunter-Lab	73.5755, -48.6289, 26.3105

Details

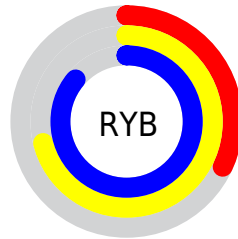
The XYZ color **33.0279, 54.1336, 31.2623** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **39.0404, 23.6991, 38.5948**, and the grayscale version is **37.3433, 39.2881, 42.7847**.

A 20% lighter version of the original color is **56.1648, 80.9905, 60.2495**, and **14.6585, 26.8189, 12.5876** is the 20% darker color. If you saturate the color by 10%, you get **30.5636, 52.9666, 26.5456**, and if you desaturate by 10%, it is **36.2200, 55.6649, 36.6419**.

Distribution



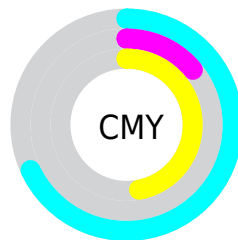
- Red (32%)
- Green (86%)
- Blue (53%)



- Red (32%)
- Yellow (71%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (39%)
- Black (14%)





- Cyan (68%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0279, 54.1336, 31.2623 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 33.0279, 54.1336, 31.2623 by changing the saturation by 10% instead.


 33.0279, 54.1336,
31.2623


 33.0279, 54.1336,
31.2623


307.4382,
402.6193, 322.1335

 22.3072, 38.7085,
20.5385


 63.7735, 96.2704,
62.7372


 14.2006, 26.5330,
12.5992


 84.5290, 123.7508,
84.3254

 8.3430, 17.2228,
7.0256


 109.3602,
156.0185, 110.3722

 4.3688, 10.3935,
3.3995

 138.6324,
193.4578, 141.2961

 1.9128, 5.6606,
1.3020

172.7109,
236.4532, 177.5156

 0.5843, 2.6398,
0.0635

211.9612,

 0.0000, 0.9467,

285.3889, 219.4493

0.0000

256.7485,
340.6495, 267.5158

■ 0.0000, 0.0000,
0.0000

■ 33.0279, 54.1336,
31.2623

■ 33.0279, 54.1336,
31.2623

■ 30.5636, 52.9666,
26.5456

■ 36.2200, 55.6649,
36.6419

■ 28.7578, 52.1242,
22.4617

■ 40.1926, 57.5828,
42.7057

■ 27.5340, 51.5690,
18.9830

■ 44.9979, 59.9151,
49.4785

■ 26.9371, 51.3069,
16.8935

■ 50.6826, 62.6854,
56.9826

■ 57.2894, 65.9155,
65.2394

■ 64.8585, 69.6255,
74.2695

■ 73.4275, 73.8344,
84.0923

■ 82.5872, 78.3310,
94.7062

■ 84.6225, 79.1451,
105.4242

Harmonies

Analogous

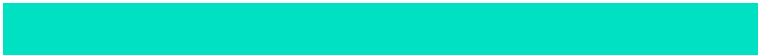
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.9534, 54.1336, 17.1996



33.0279, 54.1336, 31.2623



30.8161, 54.1336, 60.1354

Triad

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



33.0279, 54.1336, 31.2623



51.8673, 54.1336, 159.2138



75.1682, 54.1336, 29.9364

Complementary

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



33.0279, 54.1336, 31.2623



39.0404, 23.6991, 38.5948

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.



79.7051, 54.1336, 57.7650



33.0279, 54.1336, 31.2623



64.9697, 54.1336, 140.7821

Square

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



33.0279, 54.1336, 31.2623



40.5620, 54.1336, 142.9105



75.7023, 54.1336, 99.4612



64.1359, 54.1336, 16.6835

Rectangle

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



33.0279, 54.1336, 31.2623



31.9696, 54.1336, 87.4642



75.7023, 54.1336, 99.4612



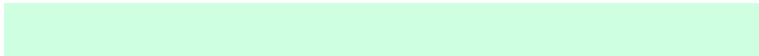
77.5773, 54.1336, 37.4118

Sweetspot

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



33.0293, 54.1358, 31.2635



74.9787, 90.1655, 84.7987



42.5653, 59.3774, 17.0025



15.4939, 19.0282, 17.4480



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.



33.0293, 54.1358, 31.2635



42.1145, 74.2855, 35.2738



39.4941, 56.7217, 65.3066



13.0925, 14.6886, 14.9498



16.0214, 30.4412, 10.2781



1.0793, 1.9887, 0.8834

Inverse Universe

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



39.0404, 23.6991, 38.5948



51.2159, 27.9375, 46.1782



34.3196, 21.8108, 13.7353



13.3914, 13.1857, 15.3224



19.9658, 9.9873, 14.7316



1.3351, 0.6637, 1.1735

Previews

White Background



This preview shows how the XYZ color 33.0279, 54.1336, 31.2623 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 33.0279, 54.1336, 31.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

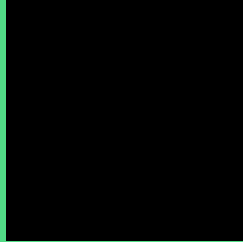
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0279, 54.1336, 31.2623

Background



This preview shows how black text looks on a background with the XYZ color 33.0279, 54.1336, 31.2623.



This preview shows how white text looks on a background with the XYZ color 33.0279, 54.1336,

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

33.0279, 54.1336, 31.2623

Protanopia

49.2235, 53.2716, 26.4270

Deuteranopia

54.2264, 53.1449, 32.9911



Tritanopia

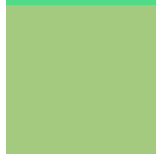
42.5769, 53.8630, 79.3867

Trichromacy



Original Color

33.0279, 54.1336, 31.2623



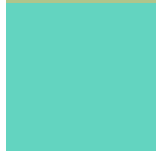
Protanomaly

40.0556, 51.5599, 27.9196



Deuteranomaly

42.3056, 50.9105, 32.0231



Tritanomaly

38.2035, 53.5454, 58.1909

Monochromacy



Original Color

33.0279, 54.1336, 31.2623



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

33.9244, 43.1752, 37.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0279, 54.1336, 31.2623 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(81, 219, 134)` looks like.

```
.text, #text, p{  
    color:rgb(81, 219, 134)  
}
```

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(81, 219, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 219, 134) }
```

Border

The CSS property to change the border of an element to XYZ 33.0279, 54.1336, 31.2623 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(81, 219, 134) }
```


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

```
.border{ border-color:rgb(81, 219, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 219, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 219, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 219, 134);  
box-shadow:4px 4px 4px 4px rgb(81, 219,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0279, 54.1336, 31.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 219, 134) }
```

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

```
.background{ background-color: rgb(81, 219,  
134) }
```

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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