

Converting Colors

XYZ(35.3131, 59.8329, 26.8273)

Have a look what the booklet for
XYZ(35.3131, 59.8329, 26.8273)
contains.

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Color

**XYZ(35.3131, 59.8329,
26.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	55E676
RGB	85, 230, 118
RGB Percent	33%, 90%, 46%
CMY	0.6667, 0.0980, 0.5372
CMYK	0.63, 0.00, 0.49, 0.10
HSL	134°, 74%, 62%
HSV	134°, 63%, 90%
XYZ	35.3131, 59.8329, 26.8273
YIQ	173.8770, -50.4680, -65.5720

Conversions

Conversions Part 2

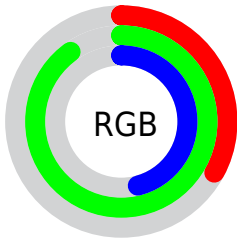
Format	Color
RYB	85, 203, 230
Decimal	5629558
CIELab	81.75, -61.88, 43.15
CIELCh	82, 75.435, 145.111
Yxy	59.8329, 0.2895, 0.4905
Android (android.graphics.Color)	4283819638 (0xFF55E676)
YUV	173.8770, -27.5474, -77.9451
Hunter-Lab	77.3517, -53.8756, 33.5831

Details

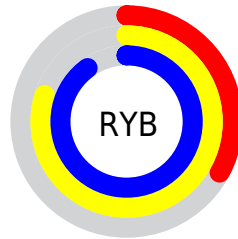
The XYZ color **35.3131, 59.8329, 26.8273** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **45.9613, 27.3522, 55.6816**, and the grayscale version is **40.3257, 42.4258, 46.2017**.

A 20% lighter version of the original color is **55.4191, 80.7945, 51.7037**, and **15.9269, 30.2805, 10.1595** is the 20% darker color. If you saturate the color by 10%, you get **32.5964, 58.5448, 21.6992**, and if you desaturate by 10%, it is **38.9100, 61.5552, 33.0371**.

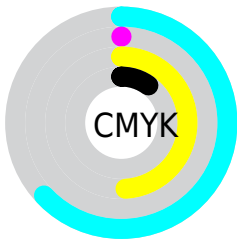
Distribution



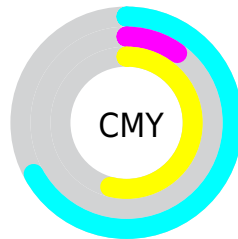
- Red (33%)
- Green (90%)
- Blue (46%)



- Red (33%)
- Yellow (80%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)





- Cyan (67%)
- Magenta (10%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3131, 59.8329, 26.8273 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 35.3131, 59.8329, 26.8273 by changing the saturation by 10% instead.


 35.3131, 59.8329,
26.8273


 35.3131, 59.8329,
26.8273


317.4320,
423.9816, 300.5536


 24.0718, 43.2840,
17.2123


 67.3014, 104.5872,
55.6070


 15.5119, 30.1080,
10.2224


 88.7790, 133.5614,
75.6087

 9.2681, 19.9206,
5.4391


 114.3995,
167.4461, 99.9098

 4.9750, 12.3373,
2.4439

 144.5282,
206.6258, 128.9287

 2.2672, 6.9738,
0.8102

179.5305,
251.4848, 163.0840

 0.7778, 3.4457,
0.0000

219.7716,

 0.0000, 1.3686,

302.4074, 202.7942

0.0000

265.6170,
359.7783, 248.4779

■ 0.0000, 0.1934,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.3131, 59.8329,
26.8273

■ 35.3131, 59.8329,
26.8273

■ 32.5964, 58.5448,
21.6992

■ 38.9100, 61.5552,
33.0371

■ 30.6757, 57.6437,
17.5867


■ 43.4524, 63.7390,
40.3816


■ 29.4573, 57.0844,
14.4224


■ 49.0042, 66.4179,
48.9153


■ 28.9257, 56.8470,
12.7381

■ 55.6225, 69.6203,
58.6879

 63.3601, 73.3725,
69.7463

 72.2662, 77.6987,
82.1347

 82.3869, 82.6221,
95.8955

 87.5880, 85.0759,
106.4127

Harmonies

Analogous

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



44.8663, 59.8329, 13.7022



35.3131, 59.8329, 26.8273



31.5409, 59.8329, 57.9734

Triad

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



35.3131, 59.8329, 26.8273



54.3057, 59.8329, 196.9633



89.2549, 59.8329, 34.6281

Complementary

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



35.3131, 59.8329, 26.8273



45.9613, 27.3522, 55.6816

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.



93.0566, 59.8329, 72.8911



35.3131, 59.8329, 26.8273



70.8424, 59.8329, 180.8041

Square

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



35.3131, 59.8329, 26.8273



41.1257, 59.8329, 166.4770



85.7852, 59.8329, 129.0904



76.1917, 59.8329, 16.5117

Rectangle

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



35.3131, 59.8329, 26.8273



32.1832, 59.8329, 90.7186



85.7852, 59.8329, 129.0904



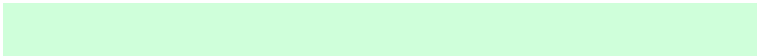
91.7503, 59.8329, 44.8995

Sweetspot

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



35.3146, 59.8354, 26.8287



73.9662, 89.7605, 79.4669



53.3814, 69.3375, 19.1645



15.2521, 18.9315, 16.1743



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.



35.3146, 59.8354, 26.8287



40.2625, 73.5447, 25.5213



41.2210, 62.1979, 57.9314



14.3230, 16.1426, 15.9657



16.4138, 32.1976, 7.4134



1.2478, 2.3932, 0.7315

Inverse Universe

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



45.9613, 27.3522, 55.6816



54.6638, 29.3166, 64.3345



39.6544, 24.8294, 22.4701



14.8474, 14.5561, 17.3967



23.0534, 11.3556, 24.9738



1.7380, 0.8529, 2.0268

Previews

White Background



This preview shows how the XYZ color 35.3131, 59.8329, 26.8273 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 35.3131, 59.8329, 26.8273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

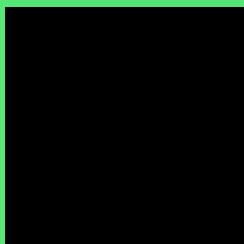
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3131, 59.8329, 26.8273

Background



This preview shows how black text looks on a background with the XYZ color 35.3131, 59.8329, 26.8273.



This preview shows how white text looks on a background with the XYZ color 35.3131, 59.8329,

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

35.3131, 59.8329, 26.8273

Protanopia

53.9515, 58.8534, 22.7036

Deuteranopia

59.8629, 58.7269, 28.2590



Tritanopia

47.2795, 59.4754, 87.5853

Trichromacy



Original Color

35.3131, 59.8329, 26.8273



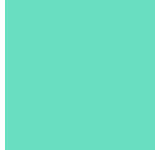
Protanomaly

43.4814, 57.0275, 24.0449



Deuteranomaly

45.9591, 56.0370, 27.4627



Tritanomaly

41.5796, 59.1125, 59.0876

Monochromacy



Original Color

35.3131, 59.8329, 26.8273



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

36.2799, 46.6675, 37.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3131, 59.8329, 26.8273 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(85, 230, 118)` looks like.

```
.text, #text, p{  
    color:rgb(85, 230, 118)  
}
```

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(85, 230, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 230, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.3131, 59.8329, 26.8273 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(85, 230, 118) }
```


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

```
.border{ border-color:rgb(85, 230, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 230, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 230, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 230, 118);  
box-shadow:4px 4px 4px 4px rgb(85, 230,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3131, 59.8329, 26.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 230, 118) }
```

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

```
.background{ background-color: rgb(85, 230,  
118) }
```

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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