

Converting Colors

XYZ(26.8143, 48.4980, 14.6330)

Have a look what the booklet for
XYZ(26.8143, 48.4980, 14.6330)
contains.

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Color

**XYZ(26.8634, 48.6517,
14.6315)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3FD44B |
| RGB | 63, 212, 75 |
| RGB Percent | 25%, 83%, 29% |
| CMY | 0.7529, 0.1686, 0.7059 |
| CMYK | 0.70, 0.00, 0.65, 0.17 |
| HSL | 125°, 63%, 54% |
| HSV | 125°, 70%, 83% |
| XYZ | 26.8634, 48.6517, 14.6315 |
| YIQ | 151.8310, -44.8270, -74.1950 |

Conversions

Conversions Part 2

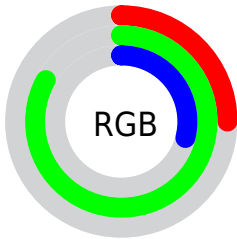
| Format | Color |
|-------------------------------------|--|
| RYB | 63, 201, 212 |
| Decimal | 4183115 |
| CIELab | 75.23, -65.12, 54.86 |
| CIELCh | 75, 85.149, 139.889 |
| Yxy | 48.6517, 0.2980, 0.5397 |
| Android (android.graphics.Color) | 4282373195 (0xFF3FD44B) |
| YUV | 151.8310, -37.8777, -77.9048 |
| Hunter-Lab | 69.7508, -53.3174, 36.3884 |

Details

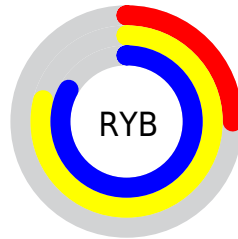
The XYZ color **26.8634, 48.6517, 14.6315** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **39.3555, 21.7229, 56.7628**, and the grayscale version is **29.9453, 31.5048, 34.3087**.

A 20% lighter version of the original color is **48.9284, 77.8508, 33.2168**, and **11.9611, 23.8060, 4.3454** is the 20% darker color. If you saturate the color by 10%, you get **25.1931, 47.8577, 11.5887**, and if you desaturate by 10%, it is **29.2614, 49.8001, 18.7771**.

Distribution



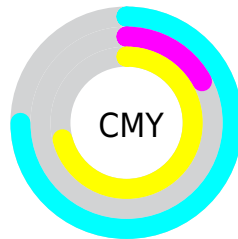
- Red (25%)
- Green (83%)
- Blue (29%)



- Red (25%)
- Yellow (79%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (65%)
- Black (17%)





- Cyan (75%)
- Magenta (17%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8634, 48.6517, 14.6315 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 26.8634, 48.6517, 14.6315 by changing the saturation by 10% instead.


 26.8634, 48.6517,
14.6315


 26.8634, 48.6517,
14.6315


279.1747,
381.3695, 232.6882


 17.6067, 34.3433,
8.4174


 54.0860, 88.1739,
34.9385


 10.7660, 23.1574,
4.2716


 72.7827, 114.1565,
49.8686


 5.9758, 14.7098,
1.7755


 95.3567, 144.7993,
68.5410

 2.8709, 8.6160,
0.4117

 122.1734,
180.4866, 91.3744

 1.0859, 4.4916,
0.0000

 153.5983,
221.6029, 118.7873

 0.0132, 1.9522,
0.0000

189.9965,

 0.0000, 0.5795,

268.5326, 151.1982

0.0000

231.7336,
321.6600, 189.0257

■ 0.0000, 0.0000,
0.0000

■ 26.8634, 48.6517,
14.6315

■ 26.8634, 48.6517,
14.6315

■ 25.1931, 47.8577,
11.5887

■ 29.2614, 49.8001,
18.7771

■ 24.1640, 47.3714,
9.5406


■ 32.4541, 51.3312,
24.1139


■ 23.6462, 47.1296,
8.3842


■ 36.5048, 53.2772,
30.7249


■ 41.4692, 55.6655,
38.6849

■ 47.3987, 58.5208,
48.0629

 54.3405, 61.8662,
58.9231

 62.3390, 65.7234,
71.3260

 71.4357, 70.1124,
85.3285

 81.6701, 75.0525,
100.9847

Harmonies

Analogous

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



36.7575, 48.6517, 6.2693



26.8634, 48.6517, 14.6315



22.5262, 48.6517, 39.2605

Triad

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



26.8634, 48.6517, 14.6315



41.1665, 48.6517, 190.8132



80.6299, 48.6517, 28.7662

Complementary

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



26.8634, 48.6517, 14.6315



39.3555, 21.7229, 56.7628

Split Complementary

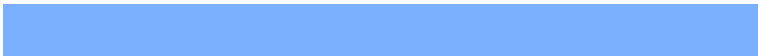
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5648, 48.6517, 69.5568



26.8634, 48.6517, 14.6315



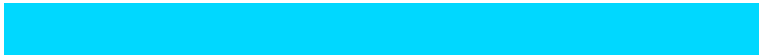
57.2320, 48.6517, 182.0338

Square

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



26.8634, 48.6517, 14.6315



29.4636, 48.6517, 149.7628



73.2291, 48.6517, 129.9746



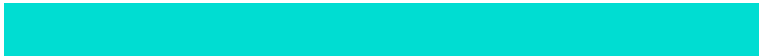
68.4199, 48.6517, 10.6600

Rectangle

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



26.8634, 48.6517, 14.6315



22.5137, 48.6517, 69.1633



73.2291, 48.6517, 129.9746



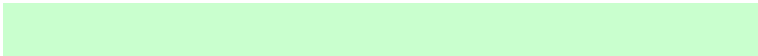
82.5946, 48.6517, 39.5304

Sweetspot

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



26.8646, 48.6537, 14.6326



71.0804, 88.4447, 71.5674



48.8178, 60.0141, 13.7137



14.6523, 18.6602, 14.4326



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.



26.8646, 48.6537, 14.6326



37.4316, 72.2934, 15.9915



30.8952, 50.2660, 35.8575



12.3026, 13.9120, 13.4080



14.6123, 29.1002, 5.2538



0.8958, 1.7610, 0.3930

Inverse Universe

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



39.3555, 21.7229, 56.7628



57.4212, 28.9901, 83.2619



32.7980, 19.1000, 22.2317



12.9079, 12.6146, 15.4550



22.8552, 11.0784, 32.8710



1.3916, 0.6734, 2.0515

Previews

White Background



This preview shows how the XYZ color 26.8634, 48.6517, 14.6315 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 26.8634, 48.6517, 14.6315 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 26.8634, 48.6517, 14.6315

Background



This preview shows how black text looks on a background with the XYZ color 26.8634, 48.6517, 14.6315.



This preview shows how white text looks on a background with the XYZ color 26.8634, 48.6517,

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

26.8634, 48.6517, 14.6315

Protanopia

43.3304, 47.6654, 12.2268

Deuteranopia

48.7288, 47.6790, 15.6515



Tritanopia

37.9252, 48.1268, 70.9089

Trichromacy



Original Color

26.8634, 48.6517, 14.6315



Protanomaly

33.5341, 45.7981, 12.8668



Deuteranomaly

35.4809, 44.8065, 14.9621



Tritanomaly

31.9913, 47.4309, 42.1193

Monochromacy



Original Color

26.8634, 48.6517, 14.6315



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

26.5199, 35.7204, 24.5658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8634, 48.6517, 14.6315 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(63, 212, 75)` looks like.

```
.text, #text, p{  
    color:rgb(63, 212, 75)  
}
```

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(63, 212, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 212, 75) }
```

Border

The CSS property to change the border of an element to XYZ 26.8634, 48.6517, 14.6315 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(63, 212, 75) }
```


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

```
.border{ border-color:rgb(63, 212, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 212, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 212, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 212, 75);  
box-shadow:4px 4px 4px 4px rgb(63, 212,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8634, 48.6517, 14.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 212, 75) }
```

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

```
.background{ background-color: rgb(63, 212,  
75) }
```

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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