

Converting Colors

XYZ(26.5719, 48.1633, 14.1448)

Have a look what the booklet for
XYZ(26.5719, 48.1633, 14.1448)
contains.

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Color

**XYZ(26.5468, 48.1263,
14.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	3FD349
RGB	63, 211, 73
RGB Percent	25%, 83%, 29%
CMY	0.7529, 0.1725, 0.7137
CMYK	0.70, 0.00, 0.65, 0.17
HSL	124°, 63%, 54%
HSV	124°, 70%, 83%
XYZ	26.5468, 48.1263, 14.1935
YIQ	151.0160, -43.9100, -74.2940

Conversions

Conversions Part 2

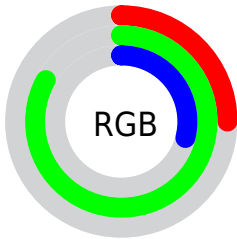
Format	Color
RYB	63, 202, 211
Decimal	4182857
CIELab	74.90, -65.00, 55.32
CIELCh	75, 85.353, 139.596
Yxy	48.1263, 0.2987, 0.5416
Android (android.graphics.Color)	4282372937 (0xFF3FD349)
YUV	151.0160, -38.4619, -77.1900
Hunter-Lab	69.3731, -53.0969, 36.4307

Details

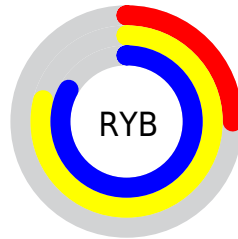
The XYZ color **26.5468, 48.1263, 14.1935** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **39.1854, 21.6217, 57.3671**, and the grayscale version is **29.5964, 31.1377, 33.9090**.

A 20% lighter version of the original color is **48.7967, 77.7981, 32.5234**, and **11.7652, 23.4602, 4.1379** is the 20% darker color. If you saturate the color by 10%, you get **24.8962, 47.3406, 11.2336**, and if you desaturate by 10%, it is **28.9221, 49.2645, 18.2662**.

Distribution



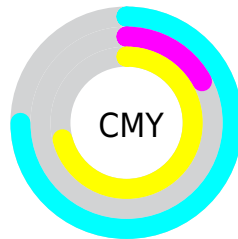
- Red (25%)
- Green (83%)
- Blue (29%)



- 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 26.5468, 48.1263, 14.1935 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 26.5468, 48.1263, 14.1935 by changing the saturation by 10% instead.


 26.5468, 48.1263,
14.1935


 26.5468, 48.1263,
14.1935


277.6638,
379.2925, 229.9014


 17.3680, 33.9269,
8.1151


 53.5808, 87.3924,
34.1540


 10.5941, 22.8375,
4.0798


 72.1667, 113.2280,
48.8732


 5.8599, 14.4735,
1.6693


 94.6190, 143.7110,
67.3098

 2.7999, 8.4507,
0.3395

 121.3030,
179.2259, 89.8822

 1.0489, 4.3847,
0.0000

 152.5842,
220.1571, 117.0090

 0.0000, 1.8910,
0.0000

188.8278,

 0.0000, 0.5430,

266.8891, 149.1088

0.0000

230.3992,
319.8061, 186.6001

■ 0.0000, 0.0000,
0.0000

■ 26.5468, 48.1263,
14.1935

■ 26.5468, 48.1263,
14.1935

■ 24.8962, 47.3406,
11.2336

■ 28.9221, 49.2645,
18.2662

■ 23.8840, 46.8612,
9.2738


■ 32.0890, 50.7837,
23.5435


■ 23.3762, 46.6228,
8.1918


■ 36.1108, 52.7158,
30.1115


■ 41.0434, 55.0880,
38.0477

■ 46.9377, 57.9252,
47.4231

 53.8411, 61.2504,
58.3040

 61.7979, 65.0850,
70.7527

 70.8496, 69.4491,
84.8278

 81.0355, 74.3619,
100.5849

Harmonies

Analogous

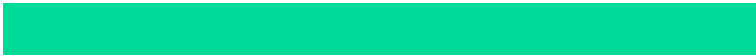
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.4318, 48.1263, 6.0510



26.5468, 48.1263, 14.1935



22.1909, 48.1263, 38.4115

Triad

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



26.5468, 48.1263, 14.1935



40.5538, 48.1263, 189.7569



80.0783, 48.1263, 28.6141

Complementary

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



26.5468, 48.1263, 14.1935



39.1854, 21.6217, 57.3671

Split Complementary

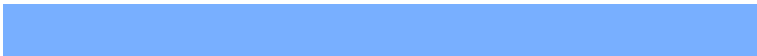
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8927, 48.1263, 69.4322



26.5468, 48.1263, 14.1935



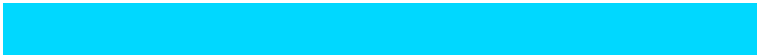
56.5182, 48.1263, 181.5064

Square

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



26.5468, 48.1263, 14.1935



28.9739, 48.1263, 148.3636



72.4900, 48.1263, 129.7835



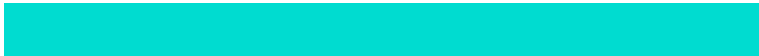
67.9827, 48.1263, 10.5075

Rectangle

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



26.5468, 48.1263, 14.1935



22.1457, 48.1263, 68.0068



72.4900, 48.1263, 129.7835



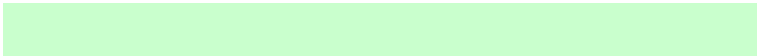
82.0007, 48.1263, 39.3869

Sweetspot

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



26.5480, 48.1283, 14.1946



70.9964, 88.4111, 71.1245



48.3167, 59.3858, 13.6189



14.6328, 18.6524, 14.3297



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.



26.5480, 48.1283, 14.1946



37.3627, 72.2658, 15.6288



30.6014, 49.7497, 35.5399



11.6883, 13.2190, 12.7147



14.1207, 28.1412, 5.0157



0.8011, 1.5781, 0.3416

Inverse Universe

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



39.1854, 21.6217, 57.3671



57.8321, 29.1545, 85.4255



32.4823, 18.9405, 22.0690



12.2749, 11.9947, 14.7233



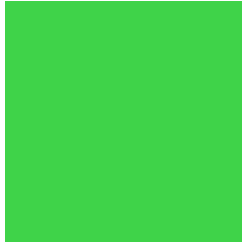
22.2918, 10.7896, 32.7726



1.2570, 0.6075, 1.8883

Previews

White Background



This preview shows how the XYZ color 26.5468, 48.1263, 14.1935 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 26.5468, 48.1263, 14.1935 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 26.5468, 48.1263, 14.1935

Background



This preview shows how black text looks on a background with the XYZ color 26.5468, 48.1263, 14.1935.



This preview shows how white text looks on a background with the XYZ color 26.5468, 48.1263,

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

26.5468, 48.1263, 14.1935

Protanopia

42.7895, 47.0860, 11.8343

Deuteranopia

48.1398, 47.0967, 15.1477



Tritanopia

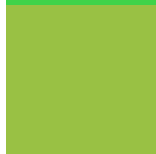
37.5700, 47.6202, 70.1623

Trichromacy



Original Color

26.5468, 48.1263, 14.1935



Protanomaly

33.2502, 45.3296, 12.4659



Deuteranomaly

35.1919, 44.3502, 14.4902



Tritanomaly

31.6666, 46.9244, 41.5707

Monochromacy



Original Color

26.5468, 48.1263, 14.1935



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.1265, 35.2391, 24.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5468, 48.1263, 14.1935 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, 211, 73)` looks like.

```
.text, #text, p{  
    color:rgb(63, 211, 73)  
}
```

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, 211, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 211, 73) }
```

Border

The CSS property to change the border of an element to XYZ 26.5468, 48.1263, 14.1935 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, 211, 73) }
```


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

```
.border{ border-color:rgb(63, 211, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 211, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 211, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 211, 73);  
box-shadow:4px 4px 4px 4px rgb(63, 211,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5468, 48.1263, 14.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 211, 73) }
```

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

```
.background{ background-color: rgb(63, 211,  
73) }
```

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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