

Converting Colors

XYZ(26.6099, 46.1262, 14.9496)

Have a look what the booklet for
XYZ(26.6099, 46.1262, 14.9496)
contains.

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Color

**XYZ(26.4671, 45.8894,
14.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	4FCD4F
RGB	79, 205, 79
RGB Percent	31%, 80%, 31%
CMY	0.6902, 0.1961, 0.6902
CMYK	0.61, 0.00, 0.61, 0.20
HSL	120°, 56%, 56%
HSV	120°, 61%, 80%
XYZ	26.4671, 45.8894, 14.8597
YIQ	152.9620, -34.6500, -65.8980

Conversions

Conversions Part 2

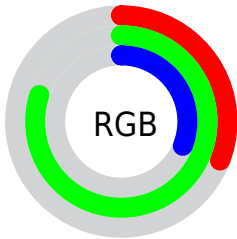
Format	Color
RYB	79, 205, 205
Decimal	5229903
CIELab	73.47, -59.16, 51.29
CIElCh	73, 78.297, 139.071
Yxy	45.8894, 0.3035, 0.5262
Android (android.graphics.Color)	4283419983 (0xFF4FCD4F)
YUV	152.9620, -36.4633, -64.8647
Hunter-Lab	67.7417, -48.8070, 34.4135

Details

The XYZ color **26.4671, 45.8894, 14.8597** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **38.9936, 22.9797, 60.1389**, and the grayscale version is **30.4273, 32.0119, 34.8610**.

A 20% lighter version of the original color is **50.7401, 78.7614, 34.3580**, and **10.8923, 21.5528, 4.3451** is the 20% darker color. If you saturate the color by 10%, you get **24.3830, 44.8897, 11.4500**, and if you desaturate by 10%, it is **29.3091, 47.2559, 19.5076**.

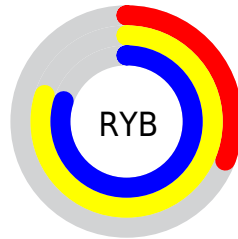
Distribution



Red (31%)

Green (80%)

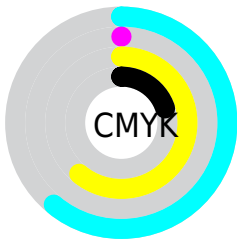
Blue (31%)



Red (31%)

Yellow (80%)

Blue (80%)

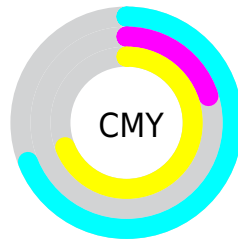


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (20%)



Cyan (69%)

Magenta (20%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4671, 45.8894, 14.8597 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 26.4671, 45.8894, 14.8597 by changing the saturation by 10% instead.

■ 26.4671, 45.8894,
14.8597

■ 26.4671, 45.8894,
14.8597

277.2824,
370.3638, 234.1269

■ 17.3079, 32.1586,
8.5755

■ 53.4535, 84.0535,
35.3457

■ 10.5509, 21.4826,
4.3723

■ 72.0114, 109.2554,
50.3845

■ 5.8308, 13.4772,
1.8317

■ 94.4329, 139.0499,
69.1786

■ 2.7821, 7.7580,
0.4488

■ 121.0835,
173.8213, 92.1465

■ 1.0396, 3.9405,
0.0000

■ 152.3283,
213.9540, 119.7067

■ 0.0000, 1.6403,
0.0000

188.5328,

■ 0.0000, 0.3846,

259.8324, 152.2778

0.0000

230.0624,
311.8409, 190.2784

■ 0.0000, 0.0000,
0.0000

■ 26.4671, 45.8894,
14.8597

■ 26.4671, 45.8894,
14.8597

■ 24.3830, 44.8897,
11.4500

■ 29.3091, 47.2559,
19.5076

■ 22.9815, 44.2165,
9.1574

■ 32.9686, 49.0138,
25.4935

■ 22.1776, 43.8303,
7.8424

■ 37.5032, 51.1920,
32.9106

■ 21.8322, 43.6644,
7.2775

■ 42.9641, 53.8151,
41.8429

■ 49.3988, 56.9061,
52.3680

■ 56.8515, 60.4860,
64.5580

■ 65.3635, 64.5747,
78.4810

■ 74.9742, 69.1912,
94.2008

■ 81.1222, 72.1444,
104.2574

Harmonies

Analogous

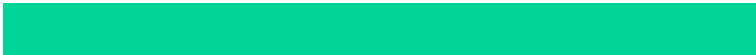
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.4997, 45.8894, 7.0380



26.4671, 45.8894, 14.8597



22.3871, 45.8894, 36.8850

Triad

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



26.4671, 45.8894, 14.8597



38.7713, 45.8894, 168.0771



73.8492, 45.8894, 29.0018

Complementary

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



26.4671, 45.8894, 14.8597



38.9936, 22.9797, 60.1389

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.



75.2447, 45.8894, 65.8225



26.4671, 45.8894, 14.8597



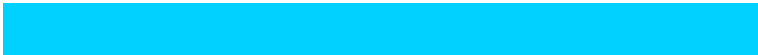
52.8849, 45.8894, 161.8781

Square

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



26.4671, 45.8894, 14.8597



28.4252, 45.8894, 132.3056



66.9230, 45.8894, 118.2176



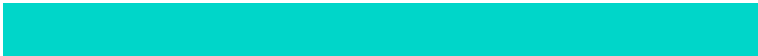
63.4372, 45.8894, 11.7096

Rectangle

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



26.4671, 45.8894, 14.8597



22.2914, 45.8894, 62.9460



66.9230, 45.8894, 118.2176



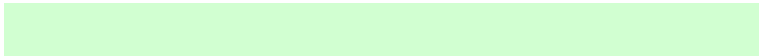
75.4601, 45.8894, 38.9052

Sweetspot

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



26.4682, 45.8913, 14.8607



73.6039, 89.6983, 73.8212



48.4214, 57.2086, 15.8877



15.1227, 18.8958, 14.7678



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.



26.4682, 45.8913, 14.8607



39.0194, 73.0856, 17.2517



29.9395, 47.2798, 33.1402



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5304



0.7011, 1.4023, 0.2337

Inverse Universe

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



38.9936, 22.9797, 60.1389



61.2553, 32.4114, 97.6326



32.8566, 20.5249, 27.8222



11.6876, 11.4038, 14.1555



22.5333, 10.8239, 36.8565



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 26.4671, 45.8894, 14.8597 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 26.4671, 45.8894, 14.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

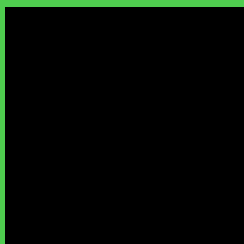
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4671, 45.8894, 14.8597

Background



This preview shows how black text looks on a background with the XYZ color 26.4671, 45.8894, 14.8597.



This preview shows how white text looks on a background with the XYZ color 26.4671, 45.8894,

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

26.4671, 45.8894, 14.8597

Protanopia

41.0768, 44.9745, 12.4772

Deuteranopia

45.6931, 44.6864, 15.6682



Tritanopia

36.6652, 45.5683, 66.5376

Trichromacy



Original Color

26.4671, 45.8894, 14.8597



Protanomaly

32.9296, 43.5288, 13.1449



Deuteranomaly

34.9354, 42.9579, 15.0447



Tritanomaly

31.5449, 45.1584, 40.7721

Monochromacy



Original Color

26.4671, 45.8894, 14.8597



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.1226, 35.4470, 25.1511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4671, 45.8894, 14.8597 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(79, 205, 79)` looks like.

```
.text, #text, p{  
    color:rgb(79, 205, 79)  
}
```

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(79, 205, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 205, 79) }
```

Border

The CSS property to change the border of an element to XYZ 26.4671, 45.8894, 14.8597 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(79, 205, 79) }
```


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

```
.border{ border-color:rgb(79, 205, 79) }
```

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

Here you see how a box with a 4 pixel rgb(79, 205, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 205, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 205, 79);  
box-shadow:4px 4px 4px 4px rgb(79, 205,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4671, 45.8894, 14.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 205, 79) }
```

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

```
.background{ background-color: rgb(79, 205,  
79) }
```

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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