

Converting Colors

XYZ(26.7979, 41.8899, 14.7698)

Have a look what the booklet for
XYZ(26.7979, 41.8899, 14.7698)
contains.

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Color

**XYZ(26.8156, 41.9526,
14.8679)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC153
RGB	108, 193, 83
RGB Percent	42%, 76%, 33%
CMY	0.5765, 0.2431, 0.6745
CMYK	0.44, 0.00, 0.57, 0.24
HSL	106°, 47%, 54%
HSV	106°, 57%, 76%
XYZ	26.8156, 41.9526, 14.8679
YIQ	155.0450, -15.3500, -52.2300

Conversions

Conversions Part 2

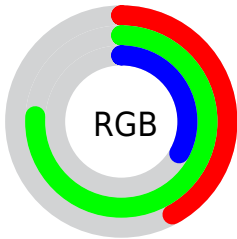
Format	Color
RYB	83, 193, 168
Decimal	7127379
CIELab	70.84, -46.37, 46.73
CIELCh	71, 65.832, 134.777
Yxy	41.9526, 0.3206, 0.5016
Android (android.graphics.Color)	4285317459 (0xFF6CC153)
YUV	155.0450, -35.5182, -41.2585
Hunter-Lab	64.7708, -39.4486, 31.7298

Details

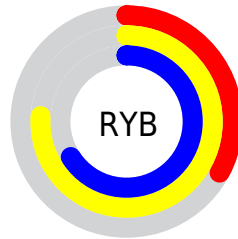
The XYZ color **26.8156, 41.9526, 14.8679** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **28.8695, 18.3630, 52.4772**, and the grayscale version is **31.3337, 32.9655, 35.8994**.

A 20% lighter version of the original color is **53.9394, 78.0413, 35.5131**, and **10.7824, 19.2371, 4.3731** is the 20% darker color. If you saturate the color by 10%, you get **24.5107, 40.8401, 11.3973**, and if you desaturate by 10%, it is **29.6403, 43.3117, 19.4472**.

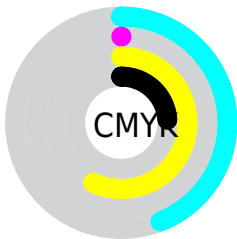
Distribution



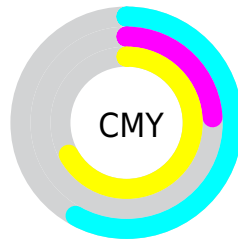
- Red (42%)
- Green (76%)
- Blue (33%)



- Red (33%)
- Yellow (76%)
- Blue (66%)



- Cyan (44%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8156, 41.9526, 14.8679 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 26.8156, 41.9526, 14.8679 by changing the saturation by 10% instead.

■ 26.8156, 41.9526,
14.8679

■ 26.8156, 41.9526,
14.8679

278.9470,
354.2864, 234.1784

■ 17.5707, 29.0642,
8.5811

■ 54.0098, 78.1279,
35.3603

■ 10.7400, 19.1294,
4.3759

■ 72.6898, 102.1835,
50.4030

■ 5.9583, 11.7638,
1.8338

■ 95.2454, 130.7304,
69.2014

■ 2.8601, 6.5831,
0.4501

■ 122.0422,
164.1528, 92.1741

■ 1.0802, 3.2027,
0.0000

■ 153.4454,
202.8352, 119.7396

■ 0.0085, 1.2385,
0.0000

189.8203,

■ 0.0000, 0.0928,

247.1621, 152.3165

0.0000

231.5324,
297.5176, 190.3232

■ 0.0000, 0.0000,
0.0000

■ 26.8156, 41.9526,
14.8679

■ 26.8156, 41.9526,
14.8679

■ 24.5107, 40.8401,
11.3973

■ 29.6403, 43.3117,
19.4472

■ 22.6890, 39.9535,
8.9387

■ 33.0121, 44.9257,
25.2155

■ 21.3137, 39.2775,
7.3834

■ 36.9599, 46.8093,
32.2490

■ 20.3377, 38.7911,
6.5821

■ 41.5096, 48.9742,
40.6168

■ 20.1035, 38.6740,
6.4053

■ 46.6856, 51.4317,
50.3828

■ 52.5107, 54.1923,
61.6069

■ 59.0068, 57.2659,
74.3456

■ 66.1946, 60.6622,
88.6523

■ 73.8179, 64.2797,
103.1243

Harmonies

Analogous

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



34.7456, 41.9526, 8.6769



26.8156, 41.9526, 14.8679



22.8239, 41.9526, 31.6138

Triad

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



26.8156, 41.9526, 14.8679



34.6013, 41.9526, 131.9765



63.8741, 41.9526, 31.9700

Complementary

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



26.8156, 41.9526, 14.8679



28.8695, 18.3630, 52.4772

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.



63.8161, 41.9526, 63.3982



26.8156, 41.9526, 14.8679



45.4852, 41.9526, 132.2232

Square

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



26.8156, 41.9526, 14.8679



26.7267, 41.9526, 102.6208



56.6054, 41.9526, 103.1914



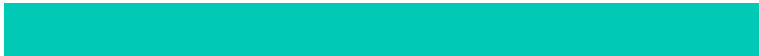
56.7519, 41.9526, 15.0256

Rectangle

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



26.8156, 41.9526, 14.8679



22.3684, 41.9526, 50.8829



56.6054, 41.9526, 103.1914



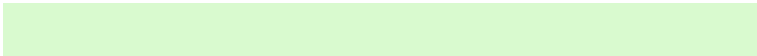
64.7305, 41.9526, 40.8431

Sweetspot

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



26.8166, 41.9544, 14.8688



74.1045, 87.5971, 72.3013



37.4353, 39.7236, 13.8786



15.5266, 18.6160, 14.8213



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8166, 41.9544, 14.8688



43.1521, 72.7804, 19.3569



25.5818, 41.1582, 22.0237



10.1538, 11.3668, 10.7207



13.4292, 25.7518, 4.2628



0.6423, 1.1447, 0.1871

Inverse Universe

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



28.8695, 18.3630, 52.4772



47.0514, 26.5194, 92.9992



31.7579, 20.1934, 37.1899



10.2662, 10.1284, 12.6987



14.7351, 6.8566, 34.1035



0.6929, 0.3252, 1.4761

Previews

White Background



This preview shows how the XYZ color 26.8156, 41.9526, 14.8679 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 26.8156, 41.9526, 14.8679 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 26.8156, 41.9526, 14.8679

Background



This preview shows how black text looks on a background with the XYZ color 26.8156, 41.9526, 14.8679.



This preview shows how white text looks on a background with the XYZ color 26.8156, 41.9526,

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

26.8156, 41.9526, 14.8679

Protanopia

37.7690, 41.4993, 13.0407

Deuteranopia

42.0278, 41.1551, 15.6262



Tritanopia

35.3898, 41.6225, 58.3933

Trichromacy



Original Color

26.8156, 41.9526, 14.8679

Protanomaly

32.4305, 40.7841, 13.5600

Deuteranomaly

34.5470, 40.3632, 15.2026

Tritanomaly

31.1505, 41.1294, 37.3073

Monochromacy



Original Color

26.8156, 41.9526, 14.8679

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

28.6316, 35.3642, 26.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8156, 41.9526, 14.8679 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(108, 193, 83)` looks like.

```
.text, #text, p{  
    color:rgb(108, 193, 83)  
}
```

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(108, 193, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 193, 83) }
```

Border

The CSS property to change the border of an element to XYZ 26.8156, 41.9526, 14.8679 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(108, 193, 83) }
```


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

```
.border{ border-color:rgb(108, 193, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 193, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 193, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 193, 83);  
box-shadow:4px 4px 4px 4px rgb(108, 193,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8156, 41.9526, 14.8679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 193, 83) }
```

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

```
.background{ background-color: rgb(108,  
193, 83) }
```

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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