

Converting Colors

$Yxy(26.4903, 0.2788, 0.4886)$

Have a look what the booklet for
Yxy(26.4903, 0.2788, 0.4886)
contains.

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Color

Yxy(26.5419, 0.2784, 0.4879)

Conversions

Conversions Part 1

Format	Color
Hex	26A154
RGB	38, 161, 84
RGB Percent	15%, 63%, 33%
CMY	0.8509, 0.3686, 0.6706
CMYK	0.76, 0.00, 0.48, 0.37
HSL	142°, 62%, 39%
HSV	142°, 76%, 63%
XYZ	15.1450, 26.5419, 12.7133
YIQ	115.4450, -48.5910, -50.0230

Conversions

Conversions Part 2

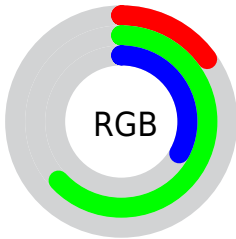
Format	Color
R_{YB}	38, 128, 161
Decimal	2531668
CIE _{Lab}	58.55, -50.26, 30.78
CIE _{LCh}	59, 58.933, 148.517
Yxy	26.5419, 0.2784, 0.4879
Android (android.graphics.Color)	4280721748 (0xFF26A154)
YUV	115.4450, -15.5024, -67.9193
Hunter-Lab	51.5188, -37.6841, 21.4321

Details

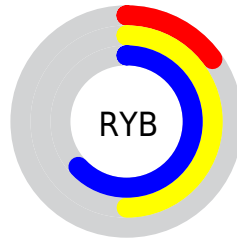
The Yxy color **26.5419, 0.2784, 0.4879** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10.2028, 0.4027, 0.2222**, and the grayscale version is **17.3481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2585, 0.2884, 0.4499**, and **10.8525, 0.2841, 0.5427** is the 20% darker color. If you saturate the color by 10%, you get **26.1534, 0.2793, 0.5106**, and if you desaturate by 10%, it is **27.0876, 0.2792, 0.4641**.

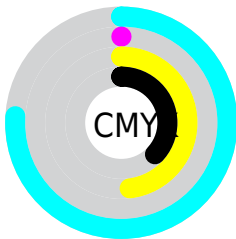
Distribution



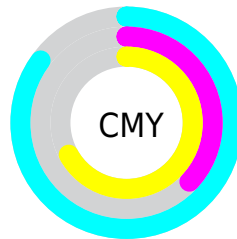
- Red (15%)
- Green (63%)
- Blue (33%)



- Red (15%)
- Yellow (50%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)





- Cyan (85%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5419, 0.2784, 0.4879 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 Yxy color 26.5419, 0.2784, 0.4879 by changing the saturation by 10% instead.


 26.5419, 0.2784,
0.4879


 26.5419, 0.2784,
0.4879


285.4322, 0.3009,
0.3946


 17.2295, 0.2702,
0.5168

 54.1479, 0.2883,
0.4501

 10.3982, 0.2576,
0.5576


 73.2102, 0.2914,
0.4372

 5.6638, 0.2365,
0.6185

 96.2913, 0.2939,
0.4267

 2.6417, 0.2101,
0.7656

 123.7756, 0.2958,
0.4180

 0.9477, 0.0000,
1.0000

 156.0474, 0.2975,
0.4108

 0.0000, 0.0000,
0.0000

 193.4912, 0.2988,

0.4046

236.4913, 0.2999,
0.3993

■ 26.5419, 0.2784,
0.4879

■ 26.5419, 0.2784,
0.4879

■ 26.1534, 0.2793,
0.5106

■ 27.0876, 0.2792,
0.4641

■ 25.8963, 0.2819,
0.5313

■ 27.8035, 0.2817,
0.4402

■ 25.8188, 0.2829,
0.5384

■ 28.7045, 0.2855,
0.4168

■ 29.8032, 0.2904,
0.3947

■ 31.1110, 0.2961,
0.3742

■ 32.6383, 0.3022,
0.3555

■ 34.3949, 0.3086,
0.3387

■ 36.3900, 0.3150,
0.3238

■ 38.6322, 0.3214,
0.3106

Harmonies

Analogous

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



26.5419, 0.3695, 0.5118



26.5419, 0.2784, 0.4879



26.5419, 0.2016, 0.3894

Triad

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



26.5419, 0.2784, 0.4879



26.5419, 0.1763, 0.1882



26.5419, 0.4949, 0.3326

Complementary

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



26.5419, 0.2784, 0.4879



10.2028, 0.4027, 0.2222

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.



26.5419, 0.4253, 0.2700



26.5419, 0.2784, 0.4879



26.5419, 0.2338, 0.1912

Square

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



26.5419, 0.2784, 0.4879



26.5419, 0.1517, 0.2158



26.5419, 0.3235, 0.2201



26.5419, 0.5009, 0.4006

Rectangle

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



26.5419, 0.2784, 0.4879



26.5419, 0.1689, 0.3152



26.5419, 0.3235, 0.2201



26.5419, 0.4780, 0.3109

Sweetspot

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



26.5430, 0.2784, 0.4879



56.4821, 0.2979, 0.3685



29.3371, 0.3619, 0.5234



12.1942, 0.2958, 0.3751



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.5430, 0.2784, 0.4879



46.4823, 0.2811, 0.5260



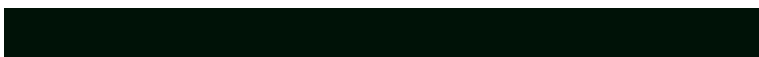
27.9349, 0.2400, 0.3600



7.9368, 0.3068, 0.3434



20.6276, 0.2825, 0.5368



0.4424, 0.2618, 0.4624

Inverse Universe

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



10.2028, 0.4027, 0.2222



15.7733, 0.4315, 0.2192



9.2350, 0.5395, 0.3101



7.1570, 0.3192, 0.3150



6.8069, 0.4406, 0.2201



0.1517, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 26.5419, 0.2784, 0.4879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 26.5419, 0.2784, 0.4879 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 × Fail

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

Yxy 26.5419, 0.2784, 0.4879

Background



This preview shows how black text looks on a background with the Yxy color 26.5419, 0.2784, 0.4879.



This preview shows how white text looks on a background with the Yxy color 26.5419, 0.2784, 0.4879.

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

26.5419, 0.2784, 0.4879

Protanopia

26.1480, 0.3950, 0.4302

Deuteranopia

26.1304, 0.4010, 0.3945



Tritanopia

26.4389, 0.2377, 0.3073

Trichromacy



Original Color

26.5419, 0.2784, 0.4879



Protanomaly

25.1891, 0.3388, 0.4568



Deuteranomaly

24.7160, 0.3424, 0.4313



Tritanomaly

26.0915, 0.2514, 0.3678

Monochromacy



Original Color

26.5419, 0.2784, 0.4879



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.5282, 0.2919, 0.3882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5419, 0.2784, 0.4879 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(38, 161, 84)` looks like.

```
.text, #text, p{  
    color:rgb(38, 161, 84)  
}
```

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(38, 161, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 161, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.5419, 0.2784, 0.4879 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(38, 161, 84) }
```

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

```
.border{ border-color:rgb(38, 161, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 161, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 161, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 161, 84);  
box-shadow:4px 4px 4px 4px rgb(38, 161,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5419, 0.2784, 0.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 161, 84) }
```

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

```
.background{ background-color: rgb(38, 161,  
84) }
```

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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