

Converting Colors

$Yxy(26.6058, 0.2829, 0.5384)$

Have a look what the booklet for
Yxy(26.6058, 0.2829, 0.5384)
contains.

Yxy(26.5313, 0.2829, 0.5385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.5313, 0.2829, 0.5385)

Conversions

Conversions Part 1

Format	Color
Hex	00A33D
RGB	0, 163, 61
RGB Percent	0%, 64%, 24%
CMY	1.0000, 0.3608, 0.7608
CMYK	1.00, 0.00, 0.63, 0.36
HSL	142°, 100%, 32%
HSV	142°, 100%, 64%
XYZ	13.9382, 26.5313, 8.7994
YIQ	102.6350, -64.4060, -66.2780

Conversions

Conversions Part 2

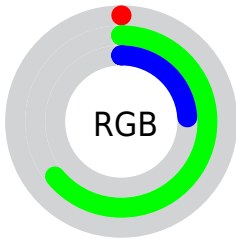
Format	Color
RYB	0, 119, 163
Decimal	41789
CIELab	58.54, -57.62, 42.04
CIElCh	59, 71.325, 143.880
Yxy	26.5313, 0.2829, 0.5385
Android (android.graphics.Color)	4278231869 (0xFF00A33D)
YUV	102.6350, -20.5261, -90.0109
Hunter-Lab	51.5085, -41.8380, 25.9272

Details

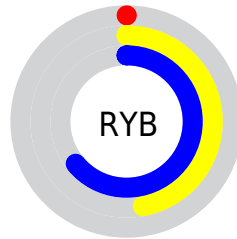
The Yxy color **26.5313, 0.2829, 0.5385** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.7467, 0.4421, 0.2209**, and the grayscale version is **13.5305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0065, 0.2938, 0.4887**, and **11.1628, 0.2985, 0.5947** is the 20% darker color. If you saturate the color by 10%, you get **26.5331, 0.2829, 0.5385**, and if you desaturate by 10%, it is **26.7665, 0.2801, 0.5185**.

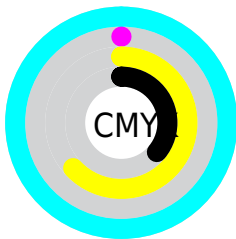
Distribution



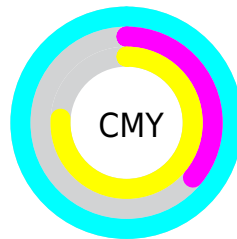
- Red (0%)
- Green (64%)
- Blue (24%)



- Red (0%)
- Yellow (47%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5313, 0.2829, 0.5385 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 26.5313, 0.2829, 0.5385 by changing the saturation by 10% instead.


 26.5313, 0.2829,
0.5385


 26.5313, 0.2829,
0.5385


285.3805, 0.3059,
0.4149


 17.2215, 0.2729,
0.5760


 54.1308, 0.2940,
0.4886

 10.3926, 0.2567,
0.6278


 73.1894, 0.2972,
0.4714

 5.6600, 0.2304,
0.7071

 96.2663, 0.2997,
0.4575

 2.6395, 0.1709,
0.8291

 123.7460, 0.3015,
0.4460

 0.9465, 0.0000,
1.0000

 156.0129, 0.3030,
0.4363

 0.0000, 0.0000,
0.0000

 193.4514, 0.3041,

0.4281

236.4458, 0.3051,
0.4211

■ 26.5313, 0.2829,
0.5385

■ 26.5313, 0.2829,
0.5385

■ 26.5331, 0.2829,
0.5385

■ 26.7665, 0.2801,
0.5185

■ 27.1131, 0.2785,
0.4964

■ 27.6124, 0.2787,
0.4729

■ 28.2823, 0.2806,
0.4489

■ 29.1377, 0.2840,
0.4252

■ 30.1921, 0.2885,
0.4026

■ 31.4576, 0.2940,
0.3814

■ 32.9453, 0.3000,
0.3621

■ 34.6655, 0.3063,
0.3446

Harmonies

Analogous

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



26.5313, 0.3880, 0.5415



26.5313, 0.2829, 0.5385



26.5313, 0.1909, 0.4244

Triad

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



26.5313, 0.2829, 0.5385



26.5313, 0.1486, 0.1680



26.5313, 0.5233, 0.3162

Complementary

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



26.5313, 0.2829, 0.5385



8.7467, 0.4421, 0.2209

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.



26.5313, 0.4298, 0.2486



26.5313, 0.2829, 0.5385



26.5313, 0.2064, 0.1678

Square

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



26.5313, 0.2829, 0.5385



26.5313, 0.1265, 0.2028



26.5313, 0.3054, 0.1959



26.5313, 0.5375, 0.3910

Rectangle

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



26.5313, 0.2829, 0.5385



26.5313, 0.1508, 0.3286



26.5313, 0.3054, 0.1959



26.5313, 0.4997, 0.2927

Sweetspot

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



26.5331, 0.2829, 0.5385



56.1977, 0.2937, 0.3826



29.0939, 0.3569, 0.5548



12.4089, 0.2914, 0.3909



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.5331, 0.2829, 0.5385



47.4795, 0.2838, 0.5418



28.1274, 0.2364, 0.3709



7.9368, 0.3068, 0.3434



20.6279, 0.2824, 0.5368



0.4424, 0.2618, 0.4624

Inverse Universe

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



8.7467, 0.4421, 0.2209



15.6236, 0.4449, 0.2224



7.8440, 0.6211, 0.3195



7.1570, 0.3192, 0.3150



6.8063, 0.4407, 0.2201



0.1517, 0.3877, 0.1909

Previews

White Background



This preview shows how the Yxy color 26.5313, 0.2829, 0.5385 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 26.5313, 0.2829, 0.5385 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 26.5313, 0.2829, 0.5385

Background



This preview shows how black text looks on a background with the Yxy color 26.5313, 0.2829, 0.5385.



This preview shows how white text looks on a background with the Yxy color 26.5313, 0.2829, 0.5385.

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

26.5313, 0.2829, 0.5385

Protanopia

26.0904, 0.4159, 0.4568

Deuteranopia

25.9879, 0.4282, 0.4198



Tritanopia

26.6229, 0.2350, 0.3073

Trichromacy



Original Color

26.5313, 0.2829, 0.5385



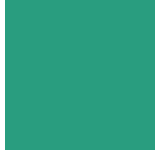
Protanomaly

24.1279, 0.3413, 0.4999



Deuteranomaly

23.6030, 0.3469, 0.4735



Tritanomaly

26.1177, 0.2502, 0.3889

Monochromacy



Original Color

26.5313, 0.2829, 0.5385



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

16.5301, 0.2857, 0.4164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5313, 0.2829, 0.5385 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(0, 163, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 61)  
}
```

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(0, 163, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 61) }
```

Border

The CSS property to change the border of an element to Yxy 26.5313, 0.2829, 0.5385 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(0, 163, 61) }
```

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

```
.border{ border-color:rgb(0, 163, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 61)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.5313, 0.2829, 0.5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 61) }
```

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

```
.background{ background-color: rgb(0, 163,  
61) }
```

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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