

Converting Colors

$Y_{xy}(26.4793, 0.3050, 0.5961)$

Have a look what the booklet for
Yxy(26.4793, 0.3050, 0.5961)
contains.

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Color

Yxy(26.4140, 0.3051, 0.5959)

Conversions

Conversions Part 1

Format	Color
Hex	1AA300
RGB	26, 163, 0
RGB Percent	10%, 64%, 0%
CMY	0.8980, 0.3608, 0.9996
CMYK	0.84, 0.00, 1.00, 0.36
HSL	110°, 100%, 32%
HSV	110°, 100%, 64%
XYZ	13.5239, 26.4140, 4.3883
YIQ	103.4550, -29.3290, -79.7370

Conversions

Conversions Part 2

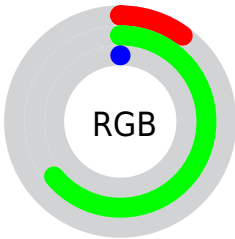
Format	Color
RYB	0, 163, 137
Decimal	1745664
CIELab	58.43, -59.78, 59.75
CIELCh	58, 84.522, 135.013
Yxy	26.4140, 0.3051, 0.5959
Android (android.graphics.Color)	4279935744 (0xFF1AA300)
YUV	103.4550, -51.0033, -67.9280
Hunter-Lab	51.3946, -42.9701, 30.9137

Details

The Yxy color **26.4140, 0.3051, 0.5959** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7.9729, 0.2814, 0.1324**, and the grayscale version is **13.8398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8402, 0.3162, 0.5360**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.4137, 0.3051, 0.5960**, and if you desaturate by 10%, it is **26.6793, 0.3079, 0.5844**.

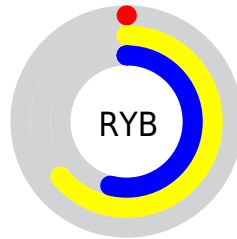
Distribution



Red (10%)

Green (64%)

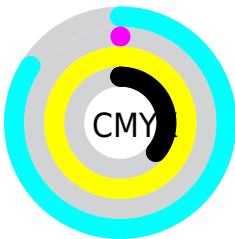
Blue (0%)



Red (0%)

Yellow (64%)

Blue (54%)

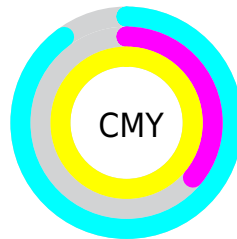


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (90%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4140, 0.3051, 0.5959 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 26.4140, 0.3051, 0.5959 by changing the saturation by 10% instead.

 26.4140, 0.3051,
0.5959


 26.4140, 0.3051,
0.5959

284.8085, 0.3222,
0.4415


 17.1336, 0.2932,
0.6383


 53.9421, 0.3162,
0.5358


 10.3298, 0.2736,
0.6957


 72.9586, 0.3188,
0.5142


 5.6182, 0.2362,
0.7638

 95.9892, 0.3203,
0.4965

 2.6143, 0.1550,
0.8450

 123.4184, 0.3212,
0.4818

 0.9339, 0.0000,
1.0000


 155.6305, 0.3218,
0.4693


 0.0000, 0.0000,
0.0000


 193.0100, 0.3220,


0.4587


 235.9412, 0.3222,
0.4495


 26.4140, 0.3051,
0.5959

 26.4140, 0.3051,
0.5959

 26.4137, 0.3051,
0.5960

 26.6793, 0.3079,
0.5844

 27.0719, 0.3109,
0.5665

 27.6151, 0.3133,
0.5416

 28.3228, 0.3150,
0.5116

 29.2074, 0.3160,
0.4787

■ 30.2797, 0.3162,
0.4450

■ 31.5500, 0.3159,
0.4123

■ 33.0277, 0.3151,
0.3817

■ 34.7214, 0.3140,
0.3538

Harmonies

Analogous

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



26.4140, 0.4221, 0.5491



26.4140, 0.3051, 0.5959



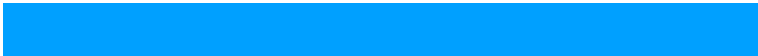
26.4140, 0.1954, 0.4961

Triad

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



26.4140, 0.3051, 0.5959



26.4140, 0.1176, 0.1529



26.4140, 0.5365, 0.2859

Complementary

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



26.4140, 0.3051, 0.5959



7.9729, 0.2814, 0.1324

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.



26.4140, 0.4060, 0.2164



26.4140, 0.3051, 0.5959



26.4140, 0.1672, 0.1443

Square

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



26.4140, 0.3051, 0.5959



26.4140, 0.1036, 0.2024



26.4140, 0.2638, 0.1663



26.4140, 0.5764, 0.3633

Rectangle

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



26.4140, 0.3051, 0.5959



26.4140, 0.1429, 0.3746



26.4140, 0.2638, 0.1663



26.4140, 0.5001, 0.2615

Sweetspot

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



26.4151, 0.3051, 0.5959



56.3501, 0.3159, 0.4143



25.3538, 0.4517, 0.4795



12.4431, 0.3161, 0.4273



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.



26.4151, 0.3051, 0.5959



47.2466, 0.3044, 0.5965



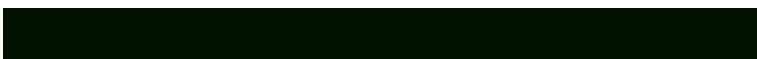
26.4659, 0.2860, 0.5495



7.9466, 0.3139, 0.3520



20.5415, 0.3055, 0.5956



0.4461, 0.3246, 0.5805

Inverse Universe

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



7.9729, 0.2814, 0.1324



14.1990, 0.2806, 0.1320



8.8868, 0.4261, 0.2121



7.1449, 0.3113, 0.3067



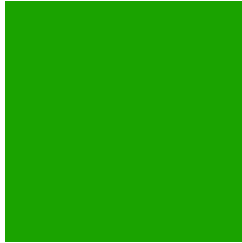
6.2096, 0.2817, 0.1326



0.1448, 0.2969, 0.1409

Previews

White Background



This preview shows how the Yxy color 26.4140, 0.3051, 0.5959 looks on a white background.

Color Contrast Check

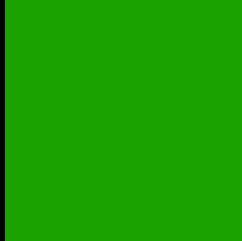
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4140, 0.3051, 0.5959 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 26.4140, 0.3051, 0.5959

Background



This preview shows how black text looks on a background with the Yxy color 26.4140, 0.3051, 0.5959.



This preview shows how white text looks on a background with the Yxy color 26.4140, 0.3051, 0.5959.

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

26.4140, 0.3051, 0.5959

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7378, 0.4591, 0.4504



Tritanopia

26.5145, 0.2388, 0.3073

Trichromacy



Original Color

26.4140, 0.3051, 0.5959



Protanomaly

24.4310, 0.3742, 0.5411



Deuteranomaly

23.7678, 0.3879, 0.5164



Tritanomaly

25.5886, 0.2717, 0.4356

Monochromacy



Original Color

26.4140, 0.3051, 0.5959



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

16.5564, 0.3157, 0.4659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4140, 0.3051, 0.5959 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(26, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(26, 163, 0)  
}
```

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(26, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 163, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.4140, 0.3051, 0.5959 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(26, 163, 0) }
```

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

```
.border{ border-color:rgb(26, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(26, 163, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.4140, 0.3051, 0.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 163, 0) }
```

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

```
.background{ background-color: rgb(26, 163,  
0) }
```

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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