

Converting Colors

$Yxy(26.4811, 0.3178, 0.5859)$

Have a look what the booklet for
Yxy(26.4811, 0.3178, 0.5859)
contains.

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Color

Yxy(26.6249, 0.3178, 0.5859)

Conversions

Conversions Part 1

Format	Color
Hex	36A200
RGB	54, 162, 0
RGB Percent	21%, 64%, 0%
CMY	0.7882, 0.3647, 1.0000
CMYK	0.67, 0.00, 1.00, 0.36
HSL	100°, 100%, 32%
HSV	100°, 100%, 64%
XYZ	14.4417, 26.6249, 4.3761
YIQ	111.2400, -12.3660, -73.2780

Conversions

Conversions Part 2

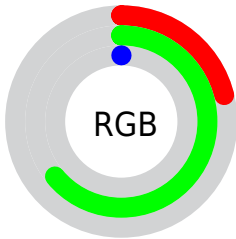
Format	Color
RYB	0, 162, 108
Decimal	3580416
CIELab	58.63, -54.86, 60.16
CIELCh	59, 81.412, 132.361
Yxy	26.6249, 0.3178, 0.5859
Android (android.graphics.Color)	4281770496 (0xFF36A200)
YUV	111.2400, -54.8413, -50.1995
Hunter-Lab	51.5993, -40.3399, 31.0911

Details

The Yxy color **26.6249, 0.3178, 0.5859** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.7965, 0.2391, 0.1091**, and the grayscale version is **16.1364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3237, 0.3259, 0.5294**, and **10.9373, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.6261, 0.3178, 0.5859**, and if you desaturate by 10%, it is **26.9969, 0.3224, 0.5733**.

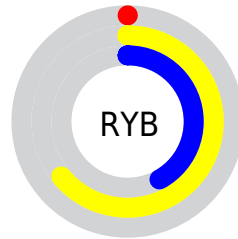
Distribution



Red (21%)

Green (64%)

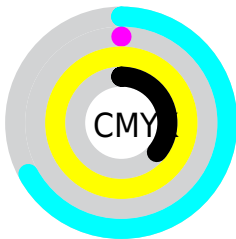
Blue (0%)



Red (0%)

Yellow (64%)

Blue (42%)

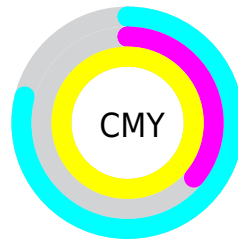


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (79%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6249, 0.3178, 0.5859 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 26.6249, 0.3178, 0.5859 by changing the saturation by 10% instead.

 26.6249, 0.3178,
0.5859


 26.6249, 0.3178,
0.5859


285.8363, 0.3275,
0.4387


 17.2917, 0.3080,
0.6257


 54.2814, 0.3260,
0.5291


 10.4427, 0.2914,
0.6793


 73.3734, 0.3275,
0.5085

 5.6935, 0.2577,
0.7423

 96.4872, 0.3283,
0.4916

 2.6596, 0.1892,
0.8108

 124.0072, 0.3285,
0.4774

 0.9567, 0.0000,
1.0000


 156.3177, 0.3284,
0.4655


 0.0000, 0.0000,
0.0000


 193.8031, 0.3282,


0.4552


 236.8479, 0.3279,
0.4464

 26.6249, 0.3178,
0.5859

 26.6249, 0.3178,
0.5859


 26.6261, 0.3178,
0.5859

 26.9969, 0.3224,
0.5733

 27.4686, 0.3263,
0.5555

 28.0578, 0.3287,
0.5318

 28.7737, 0.3295,
0.5037

 29.6242, 0.3288,
0.4730

■ 30.6166, 0.3268,
0.4414

■ 31.7576, 0.3240,
0.4104

■ 33.0533, 0.3205,
0.3810

■ 34.5096, 0.3167,
0.3538

Harmonies

Analogous

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



26.6249, 0.4312, 0.5362



26.6249, 0.3178, 0.5859



26.6249, 0.2087, 0.5025

Triad

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



26.6249, 0.3178, 0.5859



26.6249, 0.1200, 0.1604



26.6249, 0.5198, 0.2819

Complementary

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



26.6249, 0.3178, 0.5859



5.7965, 0.2391, 0.1091

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.



26.6249, 0.3900, 0.2146



26.6249, 0.3178, 0.5859



26.6249, 0.1655, 0.1487

Square

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



26.6249, 0.3178, 0.5859



26.6249, 0.1094, 0.2141



26.6249, 0.2555, 0.1676



26.6249, 0.5687, 0.3578

Rectangle

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



26.6249, 0.3178, 0.5859



26.6249, 0.1541, 0.3887



26.6249, 0.2555, 0.1676



26.6249, 0.4824, 0.2581

Sweetspot

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



26.6261, 0.3178, 0.5859



57.5260, 0.3242, 0.4122



17.8464, 0.4968, 0.4437



12.7272, 0.3254, 0.4245



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.



26.6261, 0.3178, 0.5859



48.2352, 0.3166, 0.5868



25.9088, 0.2962, 0.5863



8.0044, 0.3164, 0.3519



20.9975, 0.3184, 0.5854



0.4662, 0.3477, 0.5621

Inverse Universe

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



5.7965, 0.2391, 0.1091



10.4064, 0.2376, 0.1083



9.5080, 0.3624, 0.1770



7.0833, 0.3087, 0.3065



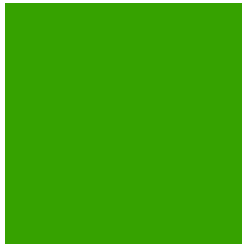
4.5907, 0.2398, 0.1095



0.1206, 0.2705, 0.1264

Previews

White Background



This preview shows how the Yxy color 26.6249, 0.3178, 0.5859 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 26.6249, 0.3178, 0.5859 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 26.6249, 0.3178, 0.5859

Background



This preview shows how black text looks on a background with the Yxy color 26.6249, 0.3178, 0.5859.



This preview shows how white text looks on a background with the Yxy color 26.6249, 0.3178, 0.5859.

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

26.6249, 0.3178, 0.5859

Protanopia

26.0253, 0.4406, 0.4884

Deuteranopia

26.1207, 0.4594, 0.4515



Tritanopia

26.6624, 0.2462, 0.3076

Trichromacy



Original Color

26.6249, 0.3178, 0.5859



Protanomaly

25.1729, 0.3868, 0.5311



Deuteranomaly

24.9100, 0.4001, 0.5076



Tritanomaly

25.8586, 0.2827, 0.4308

Monochromacy



Original Color

26.6249, 0.3178, 0.5859



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.5939, 0.3271, 0.4560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6249, 0.3178, 0.5859 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(54, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(54, 162, 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(54, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 162, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.6249, 0.3178, 0.5859 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(54, 162, 0) }
```

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

```
.border{ border-color:rgb(54, 162, 0) }
```

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

Here you see how a box with a 4 pixel rgb(54, 162, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(54, 162, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.6249, 0.3178, 0.5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 162, 0) }
```

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

```
.background{ background-color: rgb(54, 162,  
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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