

Converting Colors

$Y_{xy}(26.1842, 0.3369, 0.5676)$

Have a look what the booklet for
Yxy(26.1842, 0.3369, 0.5676)
contains.

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Color

Yxy(26.1291, 0.3365, 0.5679)

Conversions

Conversions Part 1

Format	Color
Hex	4F9E06
RGB	79, 158, 6
RGB Percent	31%, 62%, 2%
CMY	0.6903, 0.3804, 0.9766
CMYK	0.50, 0.00, 0.96, 0.38
HSL	91°, 93%, 32%
HSV	91°, 96%, 62%
XYZ	15.4824, 26.1291, 4.3986
YIQ	117.0510, 1.7080, -64.0200

Conversions

Conversions Part 2

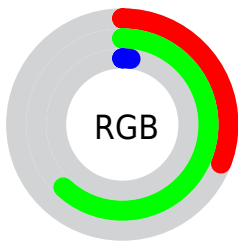
Format	Color
RYB	6, 158, 85
Decimal	5217798
CIELab	58.16, -46.59, 59.24
CIELCh	58, 75.360, 128.183
Yxy	26.1291, 0.3365, 0.5679
Android (android.graphics.Color)	4283407878 (0xFF4F9E06)
YUV	117.0510, -54.7481, -33.3707
Hunter-Lab	51.1166, -35.3894, 30.6798

Details

The Yxy color **26.1291, 0.3365, 0.5679** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4.5301, 0.2115, 0.0960**, and the grayscale version is **17.9762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3172, 0.3402, 0.5156**, and **10.3532, 0.3027, 0.5979** is the 20% darker color. If you saturate the color by 10%, you get **25.9871, 0.3348, 0.5724**, and if you desaturate by 10%, it is **26.5483, 0.3408, 0.5545**.

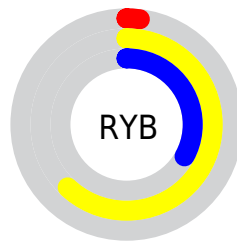
Distribution



Red (31%)

Green (62%)

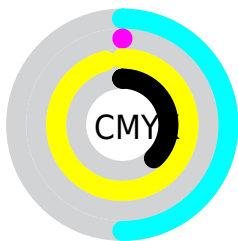
Blue (2%)



Red (2%)

Yellow (62%)

Blue (33%)

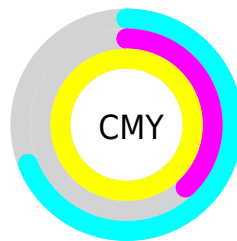


Cyan (50%)

Magenta (0%)

Yellow (96%)

Black (38%)



Cyan (69%)


Magenta (38%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1291, 0.3365, 0.5679 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 26.1291, 0.3365, 0.5679 by changing the saturation by 10% instead.


 26.1291, 0.3365,
0.5679


 26.1291, 0.3365,
0.5679

 283.4152, 0.3350,
0.4323


 16.9202, 0.3301,
0.6040


 53.4831, 0.3402,
0.5159


 10.1776, 0.3181,
0.6525


 72.3971, 0.3401,
0.4970


 5.5169, 0.2905,
0.7095

 95.3149, 0.3395,
0.4814

 2.5536, 0.2325,
0.7675

 122.6210, 0.3387,
0.4683


 0.9034, 0.0000,
1.0000


 154.6996, 0.3378,
0.4572


 0.0000, 0.0000,
0.0000


 191.9353, 0.3368,

0.4477

 234.7124, 0.3359,
0.4395

 26.1291, 0.3365,
0.5679


 26.1291, 0.3365,
0.5679


 25.9871, 0.3348,
0.5724

 26.5483, 0.3408,
0.5545

 27.0477, 0.3433,
0.5358

 27.6366, 0.3437,
0.5123

 28.3214, 0.3421,
0.4853

 29.1076, 0.3389,
0.4563

■ 30.0003, 0.3343,
0.4267

■ 31.0042, 0.3289,
0.3976

■ 32.1234, 0.3229,
0.3699

■ 33.3622, 0.3166,
0.3440

Harmonies

Analogous

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



26.1291, 0.4430, 0.5163



26.1291, 0.3365, 0.5679



26.1291, 0.2298, 0.5072

Triad

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



26.1291, 0.3365, 0.5679



26.1291, 0.1254, 0.1738



26.1291, 0.4925, 0.2762

Complementary

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



26.1291, 0.3365, 0.5679



4.5301, 0.2115, 0.0960

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.



26.1291, 0.3667, 0.2131



26.1291, 0.3365, 0.5679



26.1291, 0.1647, 0.1569

Square

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



26.1291, 0.3365, 0.5679



26.1291, 0.1201, 0.2337



26.1291, 0.2447, 0.1712



26.1291, 0.5530, 0.3493

Rectangle

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



26.1291, 0.3365, 0.5679



26.1291, 0.1730, 0.4076



26.1291, 0.2447, 0.1712



26.1291, 0.4546, 0.2535

Sweetspot

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



26.1302, 0.3365, 0.5679



55.6652, 0.3308, 0.4072



13.7052, 0.5264, 0.4159



12.3846, 0.3330, 0.4190



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.



26.1302, 0.3365, 0.5679



47.0705, 0.3334, 0.5735



24.5132, 0.2998, 0.5952



7.5494, 0.3185, 0.3516



20.8343, 0.3353, 0.5719



0.3976, 0.3672, 0.5467

Inverse Universe

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



4.5301, 0.2115, 0.0960



7.6320, 0.2055, 0.0906



9.7819, 0.3248, 0.1579



6.5963, 0.3065, 0.3064



3.4422, 0.2082, 0.0921



0.0867, 0.2524, 0.1164

Previews

White Background



This preview shows how the Yxy color 26.1291, 0.3365, 0.5679 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 26.1291, 0.3365, 0.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

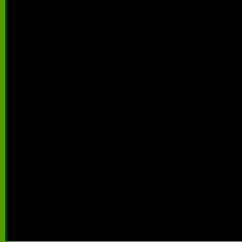
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1291, 0.3365, 0.5679

Background



This preview shows how black text looks on a background with the Yxy color 26.1291, 0.3365, 0.5679.



This preview shows how white text looks on a background with the Yxy color 26.1291, 0.3365, 0.5679.

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

26.1291, 0.3365, 0.5679

Protanopia

25.6333, 0.4407, 0.4883

Deuteranopia

25.7263, 0.4601, 0.4517



Tritanopia

26.0800, 0.2591, 0.3079

Trichromacy



Original Color

26.1291, 0.3365, 0.5679

Protanomaly

25.2293, 0.3990, 0.5204

Deuteranomaly

24.6871, 0.4126, 0.4969

Tritanomaly

25.3878, 0.2983, 0.4224

Monochromacy



Original Color

26.1291, 0.3365, 0.5679

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.9219, 0.3361, 0.4410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1291, 0.3365, 0.5679 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(79, 158, 6)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 6)  
}
```

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(79, 158, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 6) }
```

Border

The CSS property to change the border of an element to Yxy 26.1291, 0.3365, 0.5679 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(79, 158, 6) }
```

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

```
.border{ border-color:rgb(79, 158, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 6);  
box-shadow:4px 4px 4px 4px rgb(79, 158, 6)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.1291, 0.3365, 0.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 6) }
```

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

```
.background{ background-color: rgb(79, 158,  
6) }
```

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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