

Converting Colors

$Y_{xy}(25.6975, 0.3186, 0.5861)$

Have a look what the booklet for
Yxy(25.6975, 0.3186, 0.5861)
contains.

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Color

Yxy(25.5805, 0.3185, 0.5853)

Conversions

Conversions Part 1

Format	Color
Hex	369F00
RGB	54, 159, 0
RGB Percent	21%, 62%, 0%
CMY	0.7882, 0.3765, 0.9999
CMYK	0.66, 0.00, 1.00, 0.38
HSL	100°, 100%, 31%
HSV	100°, 100%, 62%
XYZ	13.9200, 25.5805, 4.2044
YIQ	109.4790, -11.5410, -71.7090

Conversions

Conversions Part 2

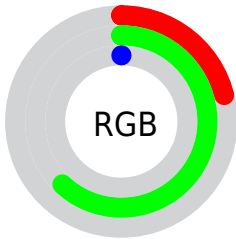
Format	Color
RYB	0, 159, 105
Decimal	3579648
CIELab	57.64, -53.85, 59.36
CIELCh	58, 80.143, 132.211
Yxy	25.5805, 0.3185, 0.5853
Android (android.graphics.Color)	4281769728 (0xFF369F00)
YUV	109.4790, -53.9731, -48.6551
Hunter-Lab	50.5772, -39.3827, 30.4753

Details

The Yxy color **25.5805, 0.3185, 0.5853** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.5086, 0.2378, 0.1084**, and the grayscale version is **15.5982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7688, 0.3269, 0.5286**, and **10.3081, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **25.5809, 0.3185, 0.5853**, and if you desaturate by 10%, it is **25.9414, 0.3231, 0.5726**.

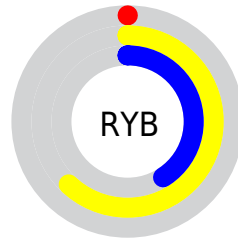
Distribution



Red (21%)

Green (62%)

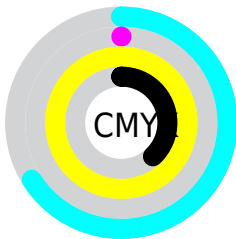
Blue (0%)



Red (0%)

Yellow (62%)

Blue (41%)

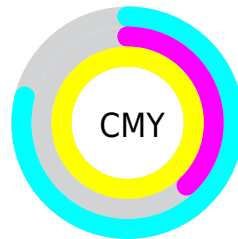


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (79%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5805, 0.3185, 0.5853 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 25.5805, 0.3185, 0.5853 by changing the saturation by 10% instead.


 25.5805, 0.3185,
0.5853


 25.5805, 0.3185,
0.5853


280.7167, 0.3278,
0.4376

 16.5101, 0.3086,
0.6255


 52.5974, 0.3266,
0.5280


 9.8858, 0.2922,
0.6811


 71.3127, 0.3281,
0.5074

 5.3233, 0.2568,
0.7432

 94.0117, 0.3287,
0.4905

 2.4382, 0.1817,
0.8183

 121.0788, 0.3289,
0.4763


 0.8454, 0.0000,
1.0000


 152.8985, 0.3288,
0.4644


 0.0000, 0.0000,
0.0000


 189.8551, 0.3285,

0.4541

 232.3330, 0.3282,
0.4453


 25.5805, 0.3185,
0.5853


 25.5805, 0.3185,
0.5853


 25.5809, 0.3185,
0.5853

 25.9414, 0.3231,
0.5726

 26.3967, 0.3270,
0.5547

 26.9636, 0.3293,
0.5310

 27.6506, 0.3300,
0.5030

 28.4652, 0.3292,
0.4725

■ 29.4143, 0.3272,
0.4410

■ 30.5040, 0.3243,
0.4102

■ 31.7404, 0.3207,
0.3808

■ 33.1289, 0.3168,
0.3537

Harmonies

Analogous

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



25.5805, 0.4317, 0.5355



25.5805, 0.3185, 0.5853



25.5805, 0.2094, 0.5027

Triad

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



25.5805, 0.3185, 0.5853



25.5805, 0.1202, 0.1609



25.5805, 0.5188, 0.2817

Complementary

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



25.5805, 0.3185, 0.5853



5.5086, 0.2378, 0.1084

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.



25.5805, 0.3891, 0.2145



25.5805, 0.3185, 0.5853



25.5805, 0.1655, 0.1489

Square

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



25.5805, 0.3185, 0.5853



25.5805, 0.1097, 0.2148



25.5805, 0.2551, 0.1677



25.5805, 0.5682, 0.3574

Rectangle

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



25.5805, 0.3185, 0.5853



25.5805, 0.1547, 0.3895



25.5805, 0.2551, 0.1677



25.5805, 0.4814, 0.2579

Sweetspot

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



25.5816, 0.3185, 0.5853



54.5061, 0.3245, 0.4119



17.1440, 0.4967, 0.4438



12.1080, 0.3257, 0.4241



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.



25.5816, 0.3185, 0.5853



45.7151, 0.3173, 0.5863



24.8625, 0.2961, 0.5861



7.5051, 0.3165, 0.3518



20.2253, 0.3191, 0.5848



0.3837, 0.3504, 0.5600

Inverse Universe

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



5.5086, 0.2378, 0.1084



9.7520, 0.2363, 0.1075



9.1255, 0.3623, 0.1770



6.6417, 0.3086, 0.3066



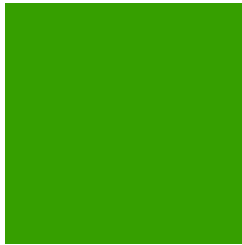
4.3733, 0.2385, 0.1088



0.1006, 0.2731, 0.1278

Previews

White Background



This preview shows how the Yxy color 25.5805, 0.3185, 0.5853 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 25.5805, 0.3185, 0.5853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

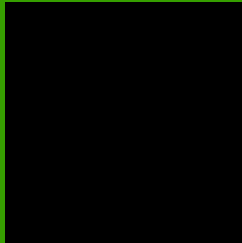
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5805, 0.3185, 0.5853

Background



This preview shows how black text looks on a background with the Yxy color 25.5805, 0.3185, 0.5853.



This preview shows how white text looks on a background with the Yxy color 25.5805, 0.3185, 0.5853.

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

25.5805, 0.3185, 0.5853

Protanopia

25.1455, 0.4397, 0.4891

Deuteranopia

25.2323, 0.4586, 0.4514



Tritanopia

25.5569, 0.2465, 0.3073

Trichromacy



Original Color

25.5805, 0.3185, 0.5853

Protanomaly

24.4093, 0.3864, 0.5314

Deuteranomaly

23.8535, 0.4008, 0.5065

Tritanomaly

24.7935, 0.2830, 0.4305

Monochromacy



Original Color

25.5805, 0.3185, 0.5853

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

17.7323, 0.3287, 0.4559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5805, 0.3185, 0.5853 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, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(54, 159, 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, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 159, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.5805, 0.3185, 0.5853 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, 159, 0) }
```

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

```
.border{ border-color:rgb(54, 159, 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, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(54, 159, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.5805, 0.3185, 0.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 159, 0) }
```

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

```
.background{ background-color: rgb(54, 159,  
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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