

Converting Colors

$Yxy(26.6193, 0.3420, 0.5666)$

Have a look what the booklet for
Yxy(26.6193, 0.3420, 0.5666)
contains.

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Color

Yxy(26.7276, 0.3422, 0.5665)

Conversions

Conversions Part 1

Format	Color
Hex	559F00
RGB	85, 159, 0
RGB Percent	33%, 62%, 0%
CMY	0.6666, 0.3765, 1.0000
CMYK	0.47, 0.00, 1.00, 0.38
HSL	88°, 100%, 31%
HSV	88°, 100%, 62%
XYZ	16.1451, 26.7276, 4.3076
YIQ	118.7480, 6.9350, -65.1370

Conversions

Conversions Part 2

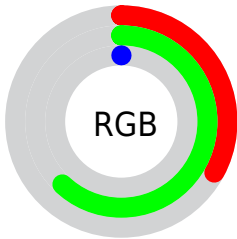
Format	Color
RYB	0, 159, 74
Decimal	5611264
CIELab	58.72, -45.17, 60.68
CIELCh	59, 75.645, 126.660
Yxy	26.7276, 0.3422, 0.5665
Android (android.graphics.Color)	4283801344 (0xFF559F00)
YUV	118.7480, -58.5428, -29.5970
Hunter-Lab	51.6987, -34.7288, 31.2491

Details

The Yxy color **26.7276, 0.3422, 0.5665** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **3.9588, 0.1969, 0.0858**, and the grayscale version is **18.5522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3118, 0.3451, 0.5154**, and **10.6748, 0.3091, 0.5928** is the 20% darker color. If you saturate the color by 10%, you get **26.7288, 0.3422, 0.5665**, and if you desaturate by 10%, it is **27.1306, 0.3465, 0.5547**.

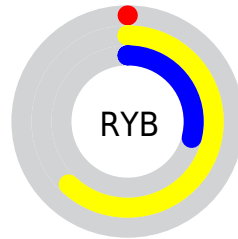
Distribution



Red (33%)

Green (62%)

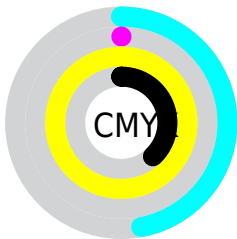
Blue (0%)



Red (0%)

Yellow (62%)

Blue (29%)

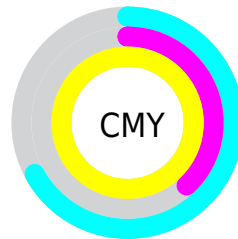


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (67%)


Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7276, 0.3422, 0.5665 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 26.7276, 0.3422, 0.5665 by changing the saturation by 10% instead.

 26.7276, 0.3422,
0.5665


 26.7276, 0.3422,
0.5665


286.3358, 0.3379,
0.4329

 17.3687, 0.3365,
0.6014


 54.4464, 0.3449,
0.5158


 10.4977, 0.3256,
0.6482


 73.5752, 0.3444,
0.4972


 5.7302, 0.2991,
0.7009

 96.7294, 0.3435,
0.4817

 2.6817, 0.2444,
0.7556

 124.2935, 0.3424,
0.4688

 0.9679, 0.0000,
1.0000

 156.6517, 0.3413,
0.4578

 0.0000, 0.0000,
0.0000


 194.1886, 0.3401,


0.4483

 237.2885, 0.3390,
0.4401

 26.7276, 0.3422,
0.5665


 26.7276, 0.3422,
0.5665


 26.7288, 0.3422,
0.5665

 27.1306, 0.3465,
0.5547

 27.5986, 0.3493,
0.5388

 28.1466, 0.3498,
0.5178

 28.7809, 0.3482,
0.4929

 29.5069, 0.3447,
0.4654

■ 30.3295, 0.3397,
0.4366

■ 31.2532, 0.3337,
0.4078

■ 32.2822, 0.3269,
0.3799

■ 33.4204, 0.3198,
0.3535

Harmonies

Analogous

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



26.7276, 0.4478, 0.5118



26.7276, 0.3422, 0.5665



26.7276, 0.2351, 0.5126

Triad

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



26.7276, 0.3422, 0.5665



26.7276, 0.1249, 0.1761



26.7276, 0.4866, 0.2729

Complementary

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



26.7276, 0.3422, 0.5665



3.9588, 0.1969, 0.0858

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.



26.7276, 0.3597, 0.2107



26.7276, 0.3422, 0.5665



26.7276, 0.1622, 0.1575

Square

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



26.7276, 0.3422, 0.5665



26.7276, 0.1213, 0.2386



26.7276, 0.2398, 0.1702



26.7276, 0.5513, 0.3456

Rectangle

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



26.7276, 0.3422, 0.5665



26.7276, 0.1771, 0.4154



26.7276, 0.2398, 0.1702



26.7276, 0.4479, 0.2505

Sweetspot

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



26.7288, 0.3422, 0.5665



55.8707, 0.3340, 0.4095



11.9480, 0.5535, 0.3987



12.4438, 0.3365, 0.4209



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.



26.7288, 0.3422, 0.5665



47.7506, 0.3409, 0.5675



24.8483, 0.3013, 0.5990



7.5669, 0.3193, 0.3516



21.1357, 0.3428, 0.5660



0.4030, 0.3732, 0.5419

Inverse Universe

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



3.9588, 0.1969, 0.0858



6.9763, 0.1950, 0.0848



9.0876, 0.3086, 0.1474



6.5789, 0.3057, 0.3064



3.1512, 0.1978, 0.0863



0.0813, 0.2437, 0.1116

Previews

White Background



This preview shows how the Yxy color 26.7276, 0.3422, 0.5665 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 26.7276, 0.3422, 0.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

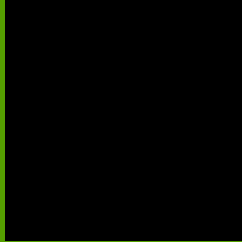
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7276, 0.3422, 0.5665

Background



This preview shows how black text looks on a background with the Yxy color 26.7276, 0.3422, 0.5665.



This preview shows how white text looks on a background with the Yxy color 26.7276, 0.3422, 0.5665.

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

26.7276, 0.3422, 0.5665

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.2265, 0.4615, 0.4520



Tritanopia

26.7211, 0.2625, 0.3082

Trichromacy



Original Color

26.7276, 0.3422, 0.5665

Protanomaly

26.0853, 0.4008, 0.5200

Deuteranomaly

25.3258, 0.4172, 0.4961

Tritanomaly

26.0125, 0.3045, 0.4245

Monochromacy



Original Color

26.7276, 0.3422, 0.5665

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.6978, 0.3412, 0.4443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7276, 0.3422, 0.5665 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(85, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(85, 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(85, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 159, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.7276, 0.3422, 0.5665 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(85, 159, 0) }
```

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

```
.border{ border-color:rgb(85, 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(85, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(85, 159, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.7276, 0.3422, 0.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 159, 0) }
```

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

```
.background{ background-color: rgb(85, 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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