

Converting Colors

$Y_{xy}(25.7607, 0.3517, 0.6419)$

Have a look what the booklet for
Yxy(25.7607, 0.3517, 0.6419)
contains.

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Color

Yxy(26.0615, 0.3289, 0.5771)

Conversions

Conversions Part 1

Format	Color
Hex	459F00
RGB	69, 159, 0
RGB Percent	27%, 62%, 0%
CMY	0.7293, 0.3765, 1.0000
CMYK	0.57, 0.00, 1.00, 0.38
HSL	94°, 100%, 31%
HSV	94°, 100%, 62%
XYZ	14.8529, 26.0615, 4.2450
YIQ	113.9640, -2.6010, -68.5290

Conversions

Conversions Part 2

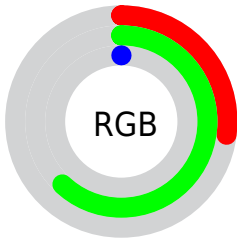
Format	Color
RYB	0, 159, 90
Decimal	4562688
CIELab	58.10, -50.06, 59.93
CIELCh	58, 78.091, 129.871
Yxy	26.0615, 0.3289, 0.5771
Android (android.graphics.Color)	4282752768 (0xFF459F00)
YUV	113.9640, -56.1843, -39.4334
Hunter-Lab	51.0505, -37.4044, 30.8052

Details

The Yxy color **26.0615, 0.3289, 0.5771** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4.6761, 0.2168, 0.0968**, and the grayscale version is **16.9903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6580, 0.3347, 0.5224**, and **10.3081, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.0628, 0.3289, 0.5771**, and if you desaturate by 10%, it is **26.4544, 0.3337, 0.5646**.

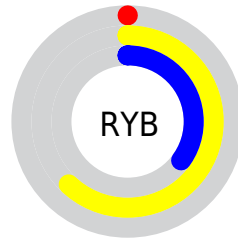
Distribution



Red (27%)

Green (62%)

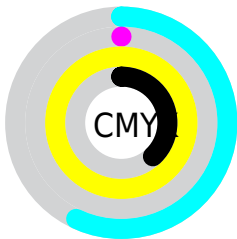
Blue (0%)



Red (0%)

Yellow (62%)

Blue (35%)

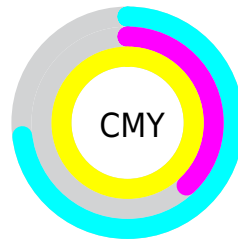


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (73%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0615, 0.3289, 0.5771 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 26.0615, 0.3289, 0.5771 by changing the saturation by 10% instead.


 26.0615, 0.3289,
0.5771


 26.0615, 0.3289,
0.5771


283.0838, 0.3322,
0.4356


 16.8697, 0.3209,
0.6150


 53.3741, 0.3346,
0.5227


 10.1416, 0.3069,
0.6667


 72.2637, 0.3352,
0.5030


 5.4929, 0.2753,
0.7247

 95.1547, 0.3352,
0.4867

 2.5393, 0.2117,
0.7883

 122.4314, 0.3348,
0.4730


 0.8962, 0.0000,
1.0000


 154.4783, 0.3343,
0.4615


 0.0000, 0.0000,
0.0000

 191.6797, 0.3336,

0.4516


 234.4201, 0.3329,
0.4431


 26.0615, 0.3289,
0.5771


 26.0615, 0.3289,
0.5771


 26.0628, 0.3289,
0.5771

 26.4544, 0.3337,
0.5646

 26.9271, 0.3372,
0.5474

 27.4954, 0.3389,
0.5249

 28.1665, 0.3386,
0.4983

 28.9468, 0.3366,
0.4691

■ 29.8420, 0.3332,
0.4390

■ 30.8573, 0.3288,
0.4091

■ 31.9977, 0.3237,
0.3804

■ 33.2675, 0.3183,
0.3536

Harmonies

Analogous

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



26.0615, 0.4389, 0.5251



26.0615, 0.3289, 0.5771



26.0615, 0.2205, 0.5074

Triad

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



26.0615, 0.3289, 0.5771



26.0615, 0.1222, 0.1673



26.0615, 0.5049, 0.2780

Complementary

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



26.0615, 0.3289, 0.5771



4.6761, 0.2168, 0.0968

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.



26.0615, 0.3761, 0.2129



26.0615, 0.3289, 0.5771



26.0615, 0.1640, 0.1526

Square

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



26.0615, 0.3289, 0.5771



26.0615, 0.1146, 0.2249



26.0615, 0.2483, 0.1688



26.0615, 0.5612, 0.3525

Rectangle

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



26.0615, 0.3289, 0.5771



26.0615, 0.1643, 0.4009



26.0615, 0.2483, 0.1688



26.0615, 0.4667, 0.2548

Sweetspot

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



26.0628, 0.3289, 0.5771



55.1516, 0.3291, 0.4107



14.2608, 0.5246, 0.4216



12.2663, 0.3309, 0.4225



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.



26.0628, 0.3289, 0.5771



46.5644, 0.3276, 0.5781



24.8144, 0.2990, 0.5962



7.5348, 0.3178, 0.3517



20.6086, 0.3295, 0.5766



0.3930, 0.3619, 0.5508

Inverse Universe

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



4.6761, 0.2168, 0.0968



8.2575, 0.2151, 0.0959



9.6072, 0.3337, 0.1612



6.6111, 0.3072, 0.3065



3.7183, 0.2177, 0.0973



0.0912, 0.2594, 0.1203

Previews

White Background



This preview shows how the Yxy color 26.0615, 0.3289, 0.5771 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 26.0615, 0.3289, 0.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

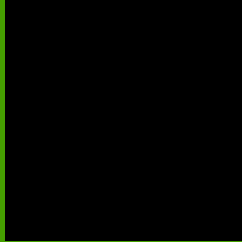
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0615, 0.3289, 0.5771

Background



This preview shows how black text looks on a background with the Yxy color 26.0615, 0.3289, 0.5771.



This preview shows how white text looks on a background with the Yxy color 26.0615, 0.3289, 0.5771.

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

26.0615, 0.3289, 0.5771

Protanopia

25.6333, 0.4407, 0.4883

Deuteranopia

25.7263, 0.4601, 0.4517



Tritanopia

26.0450, 0.2534, 0.3077

Trichromacy



Original Color

26.0615, 0.3289, 0.5771

Protanomaly

24.9177, 0.3946, 0.5248

Deuteranomaly

24.6344, 0.4073, 0.5027

Tritanomaly

25.3006, 0.2923, 0.4279

Monochromacy



Original Color

26.0615, 0.3289, 0.5771

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

19.0430, 0.3347, 0.4481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0615, 0.3289, 0.5771 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(69, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(69, 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(69, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 159, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.0615, 0.3289, 0.5771 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(69, 159, 0) }
```

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

```
.border{ border-color:rgb(69, 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(69, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(69, 159, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.0615, 0.3289, 0.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 159, 0) }
```

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

```
.background{ background-color: rgb(69, 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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