

Converting Colors

$Y_{xy}(25.5906, 0.3427, 0.5965)$

Have a look what the booklet for
Yxy(25.5906, 0.3427, 0.5965)
contains.

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Color

Yxy(25.6098, 0.3345, 0.5726)

Conversions

Conversions Part 1

Format	Color
Hex	4B9D00
RGB	75, 157, 0
RGB Percent	29%, 62%, 0%
CMY	0.7057, 0.3843, 0.9999
CMYK	0.52, 0.00, 1.00, 0.38
HSL	91°, 100%, 31%
HSV	91°, 100%, 62%
XYZ	14.9607, 25.6098, 4.1550
YIQ	114.5840, 1.5250, -66.2110

Conversions

Conversions Part 2

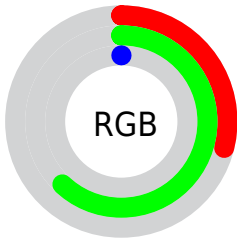
Format	Color
RYB	0, 157, 82
Decimal	4955392
CIELab	57.66, -47.56, 59.67
CIELCh	58, 76.306, 128.552
Yxy	25.6098, 0.3345, 0.5726
Android (android.graphics.Color)	4283145472 (0xFF4B9D00)
YUV	114.5840, -56.4899, -34.7152
Hunter-Lab	50.6061, -35.7908, 30.5563

Details

The Yxy color **25.6098, 0.3345, 0.5726** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4.2282, 0.2079, 0.0919**, and the grayscale version is **17.1895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4474, 0.3388, 0.5197**, and **10.1032, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **25.6103, 0.3345, 0.5726**, and if you desaturate by 10%, it is **25.9998, 0.3391, 0.5603**.

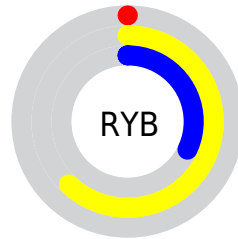
Distribution



Red (29%)

Green (62%)

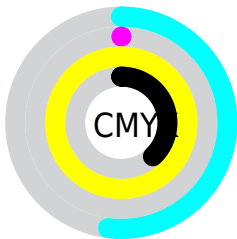
Blue (0%)



Red (0%)

Yellow (62%)

Blue (32%)

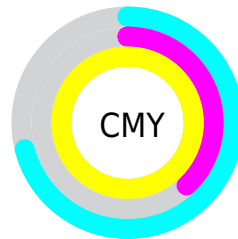


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (71%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6098, 0.3345, 0.5726 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 25.6098, 0.3345, 0.5726 by changing the saturation by 10% instead.


 25.6098, 0.3345,
0.5726


 25.6098, 0.3345,
0.5726


280.8613, 0.3345,
0.4339


 16.5320, 0.3273,
0.6096


 52.6448, 0.3389,
0.5193


 9.9014, 0.3148,
0.6606

 71.3707, 0.3391,
0.5000


 5.3336, 0.2840,
0.7160

 94.0815, 0.3387,
0.4840

 2.4443, 0.2221,
0.7779

 121.1614, 0.3380,
0.4707

 0.8485, 0.0000,
1.0000


 152.9950, 0.3371,
0.4593


 0.0000, 0.0000,
0.0000


 189.9666, 0.3363,


0.4496


 232.4606, 0.3354,
0.4412


 25.6098, 0.3345,
0.5726

 25.6098, 0.3345,
0.5726


 25.6103, 0.3345,
0.5726

 25.9998, 0.3391,
0.5603

 26.4608, 0.3424,
0.5435

 27.0080, 0.3436,
0.5217

 27.6477, 0.3427,
0.4958

 28.3858, 0.3401,
0.4673

■ 29.2273, 0.3360,
0.4378

■ 30.1771, 0.3309,
0.4084

■ 31.2394, 0.3251,
0.3801

■ 32.4184, 0.3189,
0.3535

Harmonies

Analogous

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



25.6098, 0.4427, 0.5195



25.6098, 0.3345, 0.5726



25.6098, 0.2267, 0.5097

Triad

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



25.6098, 0.3345, 0.5726



25.6098, 0.1233, 0.1710



25.6098, 0.4972, 0.2759

Complementary

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



25.6098, 0.3345, 0.5726



4.2282, 0.2079, 0.0919

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.



25.6098, 0.3692, 0.2120



25.6098, 0.3345, 0.5726



25.6098, 0.1633, 0.1546

Square

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



25.6098, 0.3345, 0.5726



25.6098, 0.1174, 0.2306



25.6098, 0.2448, 0.1694



25.6098, 0.5571, 0.3497

Rectangle

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



25.6098, 0.3345, 0.5726



25.6098, 0.1697, 0.4070



25.6098, 0.2448, 0.1694



25.6098, 0.4588, 0.2530

Sweetspot

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



25.6109, 0.3345, 0.5726



53.9385, 0.3312, 0.4101



13.0719, 0.5340, 0.4141



11.7188, 0.3333, 0.4215



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6109, 0.3345, 0.5726



45.7536, 0.3332, 0.5737



24.1196, 0.2996, 0.5987



7.5487, 0.3185, 0.3516



20.8224, 0.3350, 0.5722



0.3974, 0.3669, 0.5469

Inverse Universe

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



4.2282, 0.2079, 0.0919



7.4557, 0.2061, 0.0909



9.5144, 0.3251, 0.1564



6.5971, 0.3065, 0.3064



3.4554, 0.2087, 0.0923



0.0869, 0.2527, 0.1166

Previews

White Background



This preview shows how the Yxy color 25.6098, 0.3345, 0.5726 looks on a white background.

Color Contrast Check

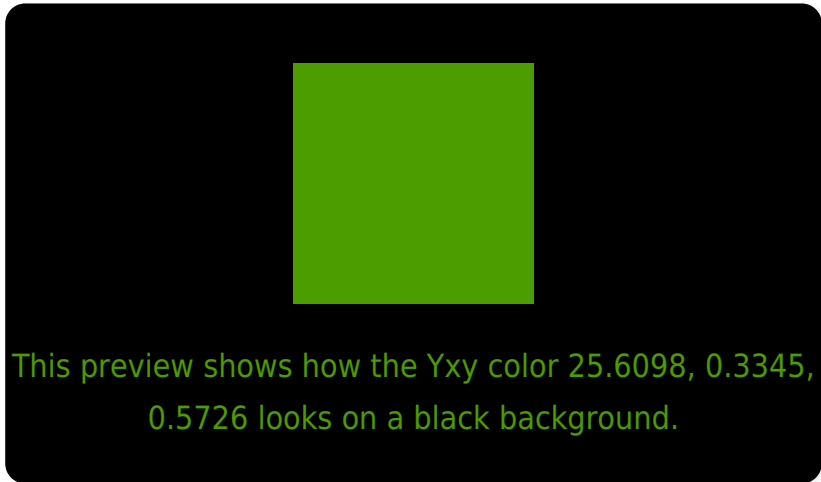
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

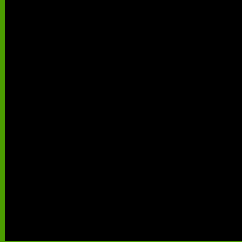
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6098, 0.3345, 0.5726

Background



This preview shows how black text looks on a background with the Yxy color 25.6098, 0.3345, 0.5726.



This preview shows how white text looks on a background with the Yxy color 25.6098, 0.3345, 0.5726.

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

25.6098, 0.3345, 0.5726

Protanopia

25.1455, 0.4397, 0.4891

Deuteranopia

25.2211, 0.4597, 0.4527



Tritanopia

25.5678, 0.2573, 0.3077

Trichromacy



Original Color

25.6098, 0.3345, 0.5726

Protanomaly

24.6864, 0.3969, 0.5231

Deuteranomaly

24.1250, 0.4111, 0.5003

Tritanomaly

24.8761, 0.2973, 0.4256

Monochromacy



Original Color

25.6098, 0.3345, 0.5726

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

19.1556, 0.3371, 0.4472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6098, 0.3345, 0.5726 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(75, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 157, 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(75, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 157, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.6098, 0.3345, 0.5726 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(75, 157, 0) }
```

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

```
.border{ border-color:rgb(75, 157, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 157, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 157, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.6098, 0.3345, 0.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 157, 0) }
```

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

```
.background{ background-color: rgb(75, 157,  
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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