

Converting Colors

$Y_{xy}(25.9189, 0.4015, 0.5167)$

Have a look what the booklet for
Yxy(25.9189, 0.4015, 0.5167)
contains.

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Color

Yxy(25.8671, 0.4019, 0.5162)

Conversions

Conversions Part 1

Format	Color
Hex	859306
RGB	133, 147, 6
RGB Percent	52%, 58%, 2%
CMY	0.4784, 0.4235, 0.9764
CMYK	0.10, 0.00, 0.96, 0.42
HSL	66°, 92%, 30%
HSV	66°, 96%, 58%
XYZ	20.1395, 25.8671, 4.1041
YIQ	126.7400, 36.9170, -46.8190

Conversions

Conversions Part 2

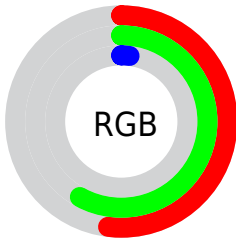
Format	Color
RYB	6, 147, 20
Decimal	8753926
CIELab	57.91, -20.50, 60.37
CIELCh	58, 63.759, 108.751
Yxy	25.8671, 0.4019, 0.5162
Android (android.graphics.Color)	4286944006 (0xFF859306)
YUV	126.7400, -59.5248, 5.4900
Hunter-Lab	50.8597, -18.3220, 30.8175

Details

The Yxy color **25.8671, 0.4019, 0.5162** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.3865, 0.1571, 0.0667**, and the grayscale version is **21.3297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0731, 0.3901, 0.4806**, and **10.2117, 0.3888, 0.5295** is the 20% darker color. If you saturate the color by 10%, you get **25.8065, 0.4023, 0.5188**, and if you desaturate by 10%, it is **26.0279, 0.4003, 0.5089**.

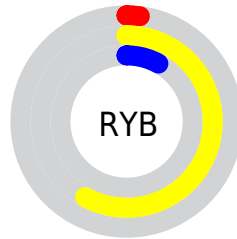
Distribution



Red (52%)

Green (58%)

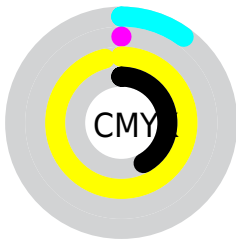
Blue (2%)



Red (2%)

Yellow (58%)

Blue (8%)

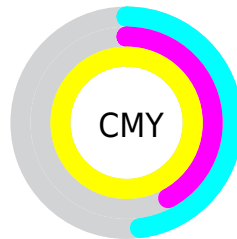


Cyan (10%)

Magenta (0%)

Yellow (96%)

Black (42%)



Cyan (48%)


Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8671, 0.4019, 0.5162 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 25.8671, 0.4019, 0.5162 by changing the saturation by 10% instead.


 25.8671, 0.4019,
0.5162


 25.8671, 0.4019,
0.5162


282.1291, 0.3626,
0.4167


 16.7242, 0.4065,
0.5393


 53.0605, 0.3907,
0.4803


 10.0381, 0.4105,
0.5697


 71.8798, 0.3853,
0.4666


 5.4242, 0.4026,
0.5974

 94.6933, 0.3805,
0.4549

 2.4982, 0.3766,
0.6234

 121.8856, 0.3761,
0.4450

 0.8758, 0.2749,
0.7251

 153.8409, 0.3722,
0.4364

 0.0000, 0.0000,
0.0000

 190.9436, 0.3686,

0.4290

 233.5782, 0.3655,
0.4225


 25.8671, 0.4019,
0.5162


 25.8671, 0.4019,
0.5162


 25.8065, 0.4023,
0.5188

 26.0279, 0.4003,
0.5089

 26.2200, 0.3964,
0.4976

 26.4505, 0.3900,
0.4822

 26.7235, 0.3814,
0.4631

 27.0424, 0.3709,
0.4412

■ 27.4105, 0.3590,
0.4173

■ 27.8306, 0.3463,
0.3925

■ 28.3053, 0.3332,
0.3675

■ 28.8371, 0.3202,
0.3430

Harmonies

Analogous

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



25.8671, 0.4824, 0.4525



25.8671, 0.4019, 0.5162



25.8671, 0.3050, 0.5235

Triad

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



25.8671, 0.4019, 0.5162



25.8671, 0.1394, 0.2242



25.8671, 0.4001, 0.2459

Complementary

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



25.8671, 0.4019, 0.5162



2.3865, 0.1571, 0.0667

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.



25.8671, 0.2890, 0.1997



25.8671, 0.4019, 0.5162



25.8671, 0.1547, 0.1835

Square

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



25.8671, 0.4019, 0.5162



25.8671, 0.1577, 0.3116



25.8671, 0.2035, 0.1776



25.8671, 0.4933, 0.3083

Rectangle

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



25.8671, 0.4019, 0.5162



25.8671, 0.2426, 0.4741



25.8671, 0.2035, 0.1776



25.8671, 0.3623, 0.2282

Sweetspot

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



25.8683, 0.4019, 0.5162



49.5489, 0.3511, 0.4017



6.6419, 0.6224, 0.3367



11.2446, 0.3560, 0.4114



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.8683, 0.4019, 0.5162



46.1699, 0.4020, 0.5190



21.9977, 0.3291, 0.5731



6.7157, 0.3245, 0.3510



22.3776, 0.4024, 0.5187



0.2807, 0.4113, 0.5116

Inverse Universe

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



2.3865, 0.1571, 0.0667



3.9110, 0.1533, 0.0618



4.3250, 0.2252, 0.1038



5.6589, 0.3003, 0.3062



1.9171, 0.1544, 0.0624



0.0289, 0.1748, 0.0736

Previews

White Background



This preview shows how the Yxy color 25.8671, 0.4019, 0.5162 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 25.8671, 0.4019, 0.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

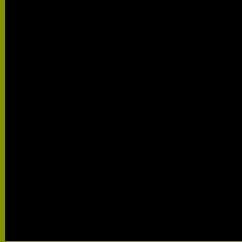
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8671, 0.4019, 0.5162

Background



This preview shows how black text looks on a background with the Yxy color 25.8671, 0.4019, 0.5162.



This preview shows how white text looks on a background with the Yxy color 25.8671, 0.4019, 0.5162.

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

25.8671, 0.4019, 0.5162

Protanopia

25.6333, 0.4407, 0.4883

Deuteranopia

25.6867, 0.4637, 0.4563



Tritanopia

25.9272, 0.3102, 0.3128

Trichromacy



Original Color

25.8671, 0.4019, 0.5162

Protanomaly

25.6463, 0.4260, 0.4990

Deuteranomaly

25.4086, 0.4427, 0.4776

Tritanomaly

25.4697, 0.3580, 0.4061

Monochromacy



Original Color

25.8671, 0.4019, 0.5162

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.3419, 0.3613, 0.4218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8671, 0.4019, 0.5162 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(133, 147, 6)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 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(133, 147, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 6) }
```

Border

The CSS property to change the border of an element to Yxy 25.8671, 0.4019, 0.5162 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(133, 147, 6) }
```

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

```
.border{ border-color:rgb(133, 147, 6) }
```

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

Here you see how a box with a 4 pixel rgb(133, 147, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 6);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8671, 0.4019, 0.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 6) }
```

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

```
.background{ background-color: rgb(133,  
147, 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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