

Converting Colors

$Y_{xy}(24.9585, 0.4153, 0.5731)$

Have a look what the booklet for
Yxy(24.9585, 0.4153, 0.5731)
contains.

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Color

$\text{Yxy}(25.1525, 0.3925, 0.5266)$

Conversions

Conversions Part 1

Format	Color
Hex	7C9300
RGB	124, 147, 0
RGB Percent	49%, 58%, 0%
CMY	0.5137, 0.4235, 1.0000
CMYK	0.16, 0.00, 1.00, 0.42
HSL	69°, 100%, 29%
HSV	69°, 100%, 58%
XYZ	18.7474, 25.1525, 3.8641
YIQ	123.3650, 33.4790, -50.5930

Conversions

Conversions Part 2

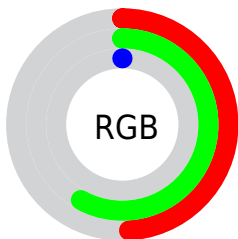
Format	Color
RYB	0, 147, 23
Decimal	8164096
CIELab	57.22, -24.57, 60.52
CIELCh	57, 65.320, 112.093
Yxy	25.1525, 0.3925, 0.5266
Android (android.graphics.Color)	4286354176 (0xFF7C9300)
YUV	123.3650, -60.8189, 0.5569
Hunter-Lab	50.1523, -21.0416, 30.5384

Details

The Yxy color **25.1525, 0.3925, 0.5266** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.2885, 0.1576, 0.0642**, and the grayscale version is **20.1329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9188, 0.3836, 0.4880**, and **9.6678, 0.3750, 0.5404** is the 20% darker color. If you saturate the color by 10%, you get **25.1538, 0.3925, 0.5266**, and if you desaturate by 10%, it is **25.3607, 0.3924, 0.5191**.

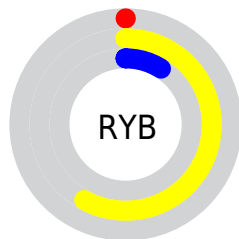
Distribution



Red (49%)

Green (58%)

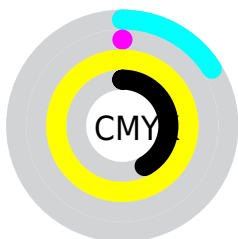
Blue (0%)



Red (0%)

Yellow (58%)

Blue (9%)

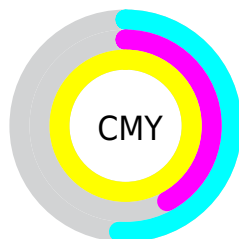


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (51%)


Magenta (42%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1525, 0.3925, 0.5266 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 25.1525, 0.3925, 0.5266 by changing the saturation by 10% instead.


 25.1525, 0.3925,
0.5266


 25.1525, 0.3925,
0.5266


278.5966, 0.3588,
0.4200


 16.1907, 0.3952,
0.5520


 51.9045, 0.3836,
0.4877


 9.6592, 0.3973,
0.5872


 70.4635, 0.3791,
0.4729

 5.1736, 0.3834,
0.6166

 92.9904, 0.3748,
0.4605

 2.3495, 0.3508,
0.6492

 119.8695, 0.3710,
0.4499

 0.7997, 0.1670,
0.8330


 151.4853, 0.3675,
0.4408


 0.0000, 0.0000,
0.0000


 188.2222, 0.3643,

0.4329


 230.4644, 0.3614,
0.4261

 25.1525, 0.3925,
0.5266

 25.1525, 0.3925,
0.5266

 25.1538, 0.3925,
0.5266

 25.3607, 0.3924,
0.5191

 25.5951, 0.3904,
0.5084

 25.8683, 0.3860,
0.4934

 26.1848, 0.3793,
0.4746

 26.5484, 0.3705,
0.4527

■ 26.9622, 0.3601,
0.4286

■ 27.4293, 0.3487,
0.4034

■ 27.9525, 0.3368,
0.3780

■ 28.5343, 0.3246,
0.3530

Harmonies

Analogous

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



25.1525, 0.4787, 0.4629



25.1525, 0.3925, 0.5266



25.1525, 0.2927, 0.5257

Triad

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



25.1525, 0.3925, 0.5266



25.1525, 0.1353, 0.2140



25.1525, 0.4156, 0.2499

Complementary

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



25.1525, 0.3925, 0.5266



2.2885, 0.1576, 0.0642

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.



25.1525, 0.2999, 0.2005



25.1525, 0.3925, 0.5266



25.1525, 0.1546, 0.1773

Square

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



25.1525, 0.3925, 0.5266



25.1525, 0.1494, 0.2978



25.1525, 0.2082, 0.1750



25.1525, 0.5063, 0.3147

Rectangle

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



25.1525, 0.3925, 0.5266



25.1525, 0.2301, 0.4673



25.1525, 0.2082, 0.1750



25.1525, 0.3768, 0.2312

Sweetspot

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



25.1538, 0.3925, 0.5266



49.0676, 0.3495, 0.4050



6.7788, 0.6236, 0.3431



11.1258, 0.3539, 0.4147



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.



25.1538, 0.3925, 0.5266



44.9841, 0.3919, 0.5270



21.5830, 0.3200, 0.5842



6.6992, 0.3237, 0.3510



21.8157, 0.3926, 0.5264



0.2770, 0.4065, 0.5154

Inverse Universe

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



2.2885, 0.1576, 0.0642



4.0471, 0.1564, 0.0635



4.5690, 0.2359, 0.1073



5.6739, 0.3012, 0.3063



1.9916, 0.1580, 0.0644



0.0326, 0.1879, 0.0809

Previews

White Background



This preview shows how the Yxy color 25.1525, 0.3925, 0.5266 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 25.1525, 0.3925, 0.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

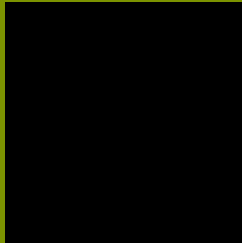
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1525, 0.3925, 0.5266

Background



This preview shows how black text looks on a background with the Yxy color 25.1525, 0.3925, 0.5266.



This preview shows how white text looks on a background with the Yxy color 25.1525, 0.3925, 0.5266.

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

25.1525, 0.3925, 0.5266

Protanopia

25.1455, 0.4397, 0.4891

Deuteranopia

24.9241, 0.4638, 0.4550



Tritanopia

25.2321, 0.3016, 0.3123

Trichromacy



Original Color

25.1525, 0.3925, 0.5266

Protanomaly

24.9790, 0.4229, 0.5024

Deuteranomaly

24.6174, 0.4385, 0.4814

Tritanomaly

24.7634, 0.3505, 0.4121

Monochromacy



Original Color

25.1525, 0.3925, 0.5266

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.2635, 0.3600, 0.4302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1525, 0.3925, 0.5266 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(124, 147, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 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(124, 147, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.1525, 0.3925, 0.5266 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(124, 147, 0) }
```

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

```
.border{ border-color:rgb(124, 147, 0) }
```

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

Here you see how a box with a 4 pixel rgb(124, 147, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1525, 0.3925, 0.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 0) }
```

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

```
.background{ background-color: rgb(124,  
147, 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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