

Converting Colors

$Y_{xy}(25.3005, 0.4197, 0.5202)$

Have a look what the booklet for
Yxy(25.3005, 0.4197, 0.5202)
contains.

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Color

Yxy(25.4355, 0.4134, 0.5099)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8B9000 |
| RGB | 139, 144, 0 |
| RGB Percent | 55%, 56%, 0% |
| CMY | 0.4549, 0.4353, 0.9995 |
| CMYK | 0.03, 0.00, 1.00, 0.44 |
| HSL | 62°, 100%, 28% |
| HSV | 62°, 100%, 56% |
| XYZ | 20.6218, 25.4355, 3.8260 |
| YIQ | 126.0890, 43.2440, -45.8440 |

Conversions

Conversions Part 2

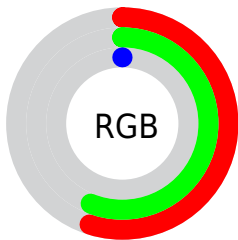
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 144, 5 |
| Decimal | 9146368 |
| CIELab | 57.50, -16.35, 61.21 |
| CIELCh | 57, 63.358, 104.958 |
| Yxy | 25.4355, 0.4134, 0.5099 |
| Android (android.graphics.Color) | 4287336448 (0xFF8B9000) |
| YUV | 126.0890, -62.1619, 11.3229 |
| Hunter-Lab | 50.4336, -15.2721, 30.8056 |

Details

The Yxy color **25.4355, 0.4134, 0.5099** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.0496, 0.1515, 0.0609**, and the grayscale version is **21.1064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5661, 0.3997, 0.4768**, and **9.9367, 0.4037, 0.5177** is the 20% darker color. If you saturate the color by 10%, you get **25.4360, 0.4134, 0.5099**, and if you desaturate by 10%, it is **25.5127, 0.4111, 0.5046**.

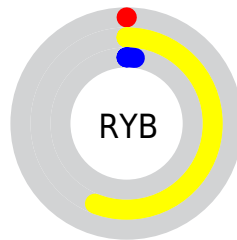
Distribution



Red (55%)

Green (56%)

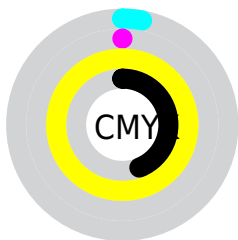
Blue (0%)



Red (0%)

Yellow (56%)

Blue (2%)

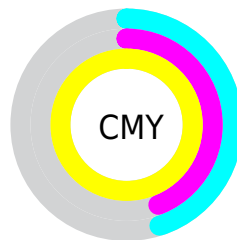


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4355, 0.4134, 0.5099 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 25.4355, 0.4134, 0.5099 by changing the saturation by 10% instead.


 25.4355, 0.4134,
0.5099


 25.4355, 0.4134,
0.5099


 279.9999, 0.3678,
0.4152


 16.4018, 0.4195,
0.5310


 52.3629, 0.3999,
0.4764


 9.8089, 0.4266,
0.5597


 71.0253, 0.3937,
0.4633


 5.2725, 0.4196,
0.5804

 93.6662, 0.3881,
0.4522

 2.4080, 0.3986,
0.6014

 120.6698, 0.3831,
0.4426


 0.8300, 0.3195,
0.6805


 152.4206, 0.3786,
0.4343


 0.0000, 0.0000,
0.0000


 189.3029, 0.3746,


0.4271


 231.7012, 0.3710,
0.4208

 25.4355, 0.4134,
0.5099


 25.4355, 0.4134,
0.5099


 25.4360, 0.4134,
0.5099

 25.5127, 0.4111,
0.5046

 25.6113, 0.4071,
0.4962

 25.7433, 0.4005,
0.4837

 25.9130, 0.3916,
0.4673

 26.1238, 0.3807,
0.4476

■ 26.3788, 0.3682,
0.4254

■ 26.6810, 0.3546,
0.4016

■ 27.0327, 0.3405,
0.3770

■ 27.4365, 0.3264,
0.3526

Harmonies

Analogous

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



25.4355, 0.4902, 0.4431



25.4355, 0.4134, 0.5099



25.4355, 0.3175, 0.5275

Triad

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



25.4355, 0.4134, 0.5099



25.4355, 0.1399, 0.2326



25.4355, 0.3858, 0.2390

Complementary

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



25.4355, 0.4134, 0.5099



2.0496, 0.1515, 0.0609

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.



25.4355, 0.2763, 0.1955



25.4355, 0.4134, 0.5099



25.4355, 0.1511, 0.1866

Square

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



25.4355, 0.4134, 0.5099



25.4355, 0.1628, 0.3261



25.4355, 0.1954, 0.1768



25.4355, 0.4843, 0.2999

Rectangle

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



25.4355, 0.4134, 0.5099



25.4355, 0.2539, 0.4866



25.4355, 0.1954, 0.1768



25.4355, 0.3478, 0.2221

Sweetspot

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



25.4367, 0.4134, 0.5099



47.0172, 0.3556, 0.4033



6.0367, 0.6366, 0.3326



10.7342, 0.3608, 0.4124



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.4367, 0.4134, 0.5099



44.8463, 0.4133, 0.5100



21.1503, 0.3336, 0.5733



6.2760, 0.3254, 0.3508



22.1517, 0.4134, 0.5099



0.2137, 0.4166, 0.5074

Inverse Universe

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



2.0496, 0.1515, 0.0609



3.5933, 0.1511, 0.0606



3.5885, 0.2110, 0.0936



5.2634, 0.2995, 0.3063



1.7838, 0.1516, 0.0609



0.0185, 0.1590, 0.0649

Previews

White Background



This preview shows how the Yxy color 25.4355, 0.4134, 0.5099 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 25.4355, 0.4134, 0.5099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

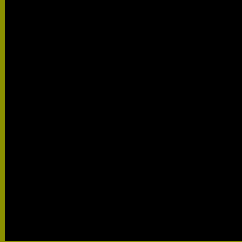
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4355, 0.4134, 0.5099

Background



This preview shows how black text looks on a background with the Yxy color 25.4355, 0.4134, 0.5099.



This preview shows how white text looks on a background with the Yxy color 25.4355, 0.4134, 0.5099.

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

25.4355, 0.4134, 0.5099

Protanopia

25.2449, 0.4409, 0.4882

Deuteranopia

25.2931, 0.4647, 0.4569



Tritanopia

25.4534, 0.3191, 0.3129

Trichromacy



Original Color

25.4355, 0.4134, 0.5099

Protanomaly

25.2402, 0.4313, 0.4958

Deuteranomaly

25.2199, 0.4460, 0.4769

Tritanomaly

24.9694, 0.3696, 0.4066

Monochromacy



Original Color

25.4355, 0.4134, 0.5099

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1795, 0.3675, 0.4246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4355, 0.4134, 0.5099 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(139, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 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(139, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.4355, 0.4134, 0.5099 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(139, 144, 0) }
```

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

```
.border{ border-color:rgb(139, 144, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4355, 0.4134, 0.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 0) }
```

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

```
.background{ background-color: rgb(139,  
144, 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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