

Converting Colors

$Y_{xy}(25.3433, 0.4196, 0.5051)$

Have a look what the booklet for
Yxy(25.3433, 0.4196, 0.5051)
contains.

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Color

$\text{Yxy}(25.4846, 0.4193, 0.5053)$

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8F8F00 |
| RGB | 143, 143, 0 |
| RGB Percent | 56%, 56%, 0% |
| CMY | 0.4393, 0.4392, 1.0000 |
| CMYK | 0.00, 0.00, 1.00, 0.44 |
| HSL | 60°, 100%, 28% |
| HSV | 60°, 100%, 56% |
| XYZ | 21.1472, 25.4846, 3.8028 |
| YIQ | 126.6980, 45.9030, -44.4730 |

Conversions

Conversions Part 2

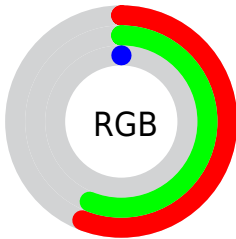
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 143, 0 |
| Decimal | 9408256 |
| CIELab | 57.54, -14.03, 61.43 |
| CIELCh | 58, 63.007, 102.863 |
| Yxy | 25.4846, 0.4193, 0.5053 |
| Android (android.graphics.Color) | 4287598336 (0xFF8F8F00) |
| YUV | 126.6980, -62.4621, 14.2969 |
| Hunter-Lab | 50.4823, -13.5696, 30.8713 |

Details

The Yxy color **25.4846, 0.4193, 0.5053** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1.9837, 0.1500, 0.0600**, and the grayscale version is **21.3207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2014, 0.4046, 0.4729**, and **9.9034, 0.4106, 0.5122** is the 20% darker color. If you saturate the color by 10%, you get **25.4859, 0.4193, 0.5053**, and if you desaturate by 10%, it is **25.5187, 0.4164, 0.5005**.

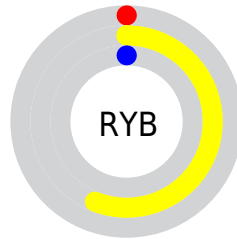
Distribution



Red (56%)

Green (56%)

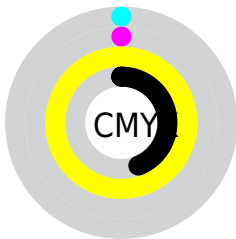
Blue (0%)



Red (0%)

Yellow (56%)

Blue (0%)

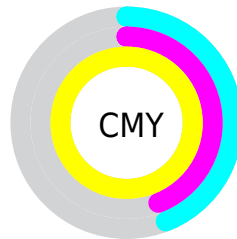


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4846, 0.4193, 0.5053 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 25.4846, 0.4193, 0.5053 by changing the saturation by 10% instead.


 25.4846, 0.4193,
0.5053


 25.4846, 0.4193,
0.5053


280.2428, 0.3704,
0.4139


 16.4385, 0.4263,
0.5252


 52.4423, 0.4045,
0.4732

 9.8350, 0.4348,
0.5522


 71.1227, 0.3978,
0.4606

 5.2897, 0.4295,
0.5705

 93.7832, 0.3919,
0.4499

 2.4182, 0.4117,
0.5883

 120.8084, 0.3865,
0.4406


 0.8352, 0.3509,
0.6491


 152.5825, 0.3818,
0.4326


 0.0000, 0.0000,
0.0000


 189.4900, 0.3776,


0.4255


 231.9153, 0.3738,
0.4194


 25.4846, 0.4193,
0.5053


 25.4846, 0.4193,
0.5053


 25.4859, 0.4193,
0.5053

 25.5187, 0.4164,
0.5005

 25.5732, 0.4118,
0.4929

 25.6605, 0.4047,
0.4811

 25.7845, 0.3952,
0.4654

 25.9488, 0.3837,
0.4464

■ 26.1564, 0.3706,
0.4247

■ 26.4101, 0.3564,
0.4013

■ 26.7124, 0.3418,
0.3770

■ 27.0658, 0.3271,
0.3527

Harmonies

Analogous

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



25.4846, 0.4934, 0.4376



25.4846, 0.4193, 0.5053



25.4846, 0.3245, 0.5278

Triad

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



25.4846, 0.4193, 0.5053



25.4846, 0.1411, 0.2380



25.4846, 0.3775, 0.2357

Complementary

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



25.4846, 0.4193, 0.5053



1.9837, 0.1500, 0.0600

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.



25.4846, 0.2697, 0.1940



25.4846, 0.4193, 0.5053



25.4846, 0.1500, 0.1892

Square

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



25.4846, 0.4193, 0.5053



25.4846, 0.1666, 0.3345



25.4846, 0.1918, 0.1772



25.4846, 0.4780, 0.2956

Rectangle

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



25.4846, 0.4193, 0.5053



25.4846, 0.2606, 0.4917



25.4846, 0.1918, 0.1772



25.4846, 0.3398, 0.2193

Sweetspot

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



25.4859, 0.4193, 0.5053



47.2573, 0.3573, 0.4028



5.8406, 0.6401, 0.3300



10.7959, 0.3628, 0.4118



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.



25.4859, 0.4193, 0.5053



45.6337, 0.4193, 0.5053



21.0070, 0.3380, 0.5698



6.2854, 0.3259, 0.3508



22.5306, 0.4193, 0.5053



0.2154, 0.4193, 0.5053

Inverse Universe

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



1.9837, 0.1500, 0.0600



3.5518, 0.1500, 0.0600



3.3423, 0.2043, 0.0899



5.2551, 0.2990, 0.3063



1.7537, 0.1500, 0.0600



0.0168, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 25.4846, 0.4193, 0.5053 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 25.4846, 0.4193, 0.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

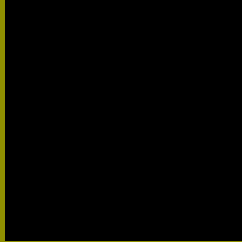
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4846, 0.4193, 0.5053

Background



This preview shows how black text looks on a background with the Yxy color 25.4846, 0.4193, 0.5053.



This preview shows how white text looks on a background with the Yxy color 25.4846, 0.4193, 0.5053.

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

25.4846, 0.4193, 0.5053

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.2892, 0.4651, 0.4574



Tritanopia

25.4336, 0.3237, 0.3131

Trichromacy



Original Color

25.4846, 0.4193, 0.5053

Protanomaly

25.3355, 0.4324, 0.4948

Deuteranomaly

25.1462, 0.4499, 0.4744

Tritanomaly

25.0362, 0.3760, 0.4053

Monochromacy



Original Color

25.4846, 0.4193, 0.5053

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.3557, 0.3690, 0.4220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4846, 0.4193, 0.5053 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(143, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 143, 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(143, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 143, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.4846, 0.4193, 0.5053 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(143, 143, 0) }
```

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

```
.border{ border-color:rgb(143, 143, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 143, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 143,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4846, 0.4193, 0.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 143, 0) }
```

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

```
.background{ background-color: rgb(143,  
143, 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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