

Converting Colors

$Y_{xy}(26.0034, 0.4018, 0.4807)$

Have a look what the booklet for
Yxy(26.0034, 0.4018, 0.4807)
contains.

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Color

Yxy(25.9756, 0.4025, 0.4801)

Conversions

Conversions Part 1

Format	Color
Hex	8F902D
RGB	143, 144, 45
RGB Percent	56%, 56%, 18%
CMY	0.4392, 0.4353, 0.8234
CMYK	0.01, 0.00, 0.69, 0.44
HSL	61°, 52%, 37%
HSV	61°, 69%, 56%
XYZ	21.7771, 25.9756, 6.3519
YIQ	132.4150, 31.1830, -31.0010

Conversions

Conversions Part 2

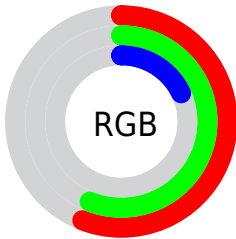
Format	Color
R_{YB}	45, 144, 46
Decimal	9408557
CIE _{Lab}	58.01, -13.07, 50.04
CIE _{LCh}	58, 51.722, 104.638
Yxy	25.9756, 0.4025, 0.4801
Android (android.graphics.Color)	4287598637 (0xFF8F902D)
YUV	132.4150, -43.0956, 9.2830
Hunter-Lab	50.9663, -12.9207, 28.2871

Details

The Yxy color **25.9756, 0.4025, 0.4801** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.4743, 0.1847, 0.1164**, and the grayscale version is **23.3853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3933, 0.3874, 0.4506**, and **10.1293, 0.4107, 0.5121** is the 20% darker color. If you saturate the color by 10%, you get **25.8713, 0.4097, 0.4926**, and if you desaturate by 10%, it is **26.1202, 0.3929, 0.4638**.

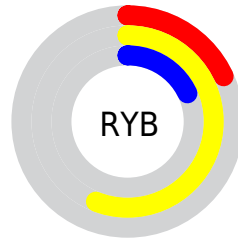
Distribution



Red (56%)

Green (56%)

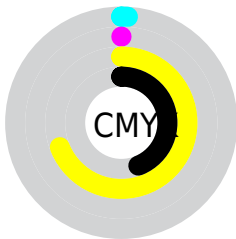
Blue (18%)



Red (18%)

Yellow (56%)

Blue (18%)

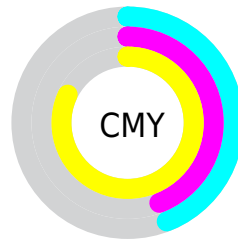


Cyan (1%)

Magenta (0%)

Yellow (69%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9756, 0.4025, 0.4801 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 25.9756, 0.4025, 0.4801 by changing the saturation by 10% instead.


 25.9756, 0.4025,
0.4801


 25.9756, 0.4025,
0.4801


282.6623, 0.3587,
0.3991


 16.8054, 0.4110,
0.5001


 53.2356, 0.3878,
0.4502


 10.0958, 0.4191,
0.5244


 72.0941, 0.3818,
0.4390


 5.4625, 0.4341,
0.5659

 94.9509, 0.3766,
0.4296

 2.5211, 0.4180,
0.5820

 122.1904, 0.3721,
0.4216

 0.8872, 0.3714,
0.6286

 154.1968, 0.3681,
0.4148

 0.0000, 0.0000,
0.0000

 191.3547, 0.3646,

0.4088

234.0484, 0.3614,
0.4037

■ 25.9756, 0.4025,
0.4801

■ 25.9756, 0.4025,
0.4801

■ 25.8713, 0.4097,
0.4926

■ 26.1202, 0.3929,
0.4638

■ 25.7997, 0.4145,
0.5009

■ 26.3048, 0.3813,
0.4442

■ 25.7528, 0.4173,
0.5060

■ 26.5339, 0.3682,
0.4221

■ 25.7472, 0.4176,
0.5066

■ 26.8102, 0.3541,
0.3984

■ 27.1363, 0.3396,
0.3740

■ 27.5145, 0.3251,
0.3497

■ 27.9471, 0.3109,
0.3260

■ 28.4361, 0.2975,
0.3035

■ 28.9835, 0.2848,
0.2824

Harmonies

Analogous

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



25.9756, 0.4639, 0.4302



25.9756, 0.4025, 0.4801



25.9756, 0.3220, 0.4870

Triad

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



25.9756, 0.4025, 0.4801



25.9756, 0.1659, 0.2521



25.9756, 0.3722, 0.2533

Complementary

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



25.9756, 0.4025, 0.4801



4.4743, 0.1847, 0.1164

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.



25.9756, 0.2830, 0.2154



25.9756, 0.4025, 0.4801



25.9756, 0.1749, 0.2100

Square

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



25.9756, 0.4025, 0.4801



25.9756, 0.1881, 0.3302



25.9756, 0.2140, 0.1996



25.9756, 0.4516, 0.3068

Rectangle

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



25.9756, 0.4025, 0.4801



25.9756, 0.2680, 0.4534



25.9756, 0.2140, 0.1996



25.9756, 0.3417, 0.2385

Sweetspot

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



25.9768, 0.4025, 0.4801



47.6987, 0.3436, 0.3806



7.9984, 0.5323, 0.3297



10.9055, 0.3471, 0.3866



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.



25.9768, 0.4025, 0.4801



45.5624, 0.4124, 0.4972



22.5429, 0.3459, 0.5159



6.2827, 0.3257, 0.3508



22.4223, 0.4176, 0.5066



0.2149, 0.4185, 0.5059

Inverse Universe

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



4.4743, 0.1847, 0.1164



5.0254, 0.1631, 0.0809



6.3001, 0.2420, 0.1432



5.2574, 0.2991, 0.3063



1.7622, 0.1505, 0.0602



0.0173, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 25.9756, 0.4025, 0.4801 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 25.9756, 0.4025, 0.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

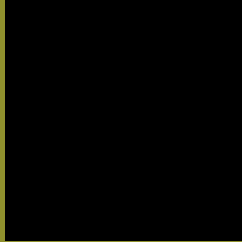
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9756, 0.4025, 0.4801

Background



This preview shows how black text looks on a background with the Yxy color 25.9756, 0.4025, 0.4801.



This preview shows how white text looks on a background with the Yxy color 25.9756, 0.4025, 0.4801.

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

25.9756, 0.4025, 0.4801

Protanopia

26.0059, 0.4226, 0.4668

Deuteranopia

25.7229, 0.4491, 0.4399



Tritanopia

26.0477, 0.3213, 0.3132

Trichromacy



Original Color

25.9756, 0.4025, 0.4801

Protanomaly

25.8109, 0.4156, 0.4717

Deuteranomaly

25.6082, 0.4326, 0.4532

Tritanomaly

25.6706, 0.3562, 0.3772

Monochromacy



Original Color

25.9756, 0.4025, 0.4801

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7627, 0.3511, 0.3925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9756, 0.4025, 0.4801 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, 144, 45)` looks like.

```
.text, #text, p{  
    color:rgb(143, 144, 45)  
}
```

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, 144, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 144, 45) }
```

Border

The CSS property to change the border of an element to Yxy 25.9756, 0.4025, 0.4801 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, 144, 45) }
```

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

```
.border{ border-color:rgb(143, 144, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 144, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 144, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 144, 45);  
box-shadow:4px 4px 4px 4px rgb(143, 144,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9756, 0.4025, 0.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 144, 45) }
```

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

```
.background{ background-color: rgb(143,  
144, 45) }
```

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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