

Converting Colors

$Y_{xy}(25.3584, 0.4583, 0.4593)$

Have a look what the booklet for
Yxy(25.3584, 0.4583, 0.4593)
contains.

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Color

$Y_{xy}(25.2350, 0.4589, 0.4589)$

Conversions

Conversions Part 1

Format	Color
Hex	AB841A
RGB	171, 132, 26
RGB Percent	67%, 52%, 10%
CMY	0.3294, 0.4824, 0.8979
CMYK	0.00, 0.23, 0.85, 0.33
HSL	44°, 74%, 39%
HSV	44°, 85%, 67%
XYZ	25.2350, 25.2350, 4.5202
YIQ	131.5770, 57.2700, -24.6980

Conversions

Conversions Part 2

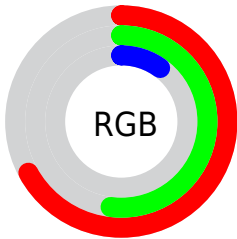
Format	Color
RYB	79, 171, 26
Decimal	11240474
CIELab	57.30, 5.40, 57.13
CIELCh	57, 57.388, 84.605
Yxy	25.2350, 0.4589, 0.4589
Android (android.graphics.Color)	4289430554 (0xFFAB841A)
YUV	131.5770, -52.0495, 34.5740
Hunter-Lab	50.2345, 1.7582, 29.8291

Details

The Yxy color **25.2350, 0.4589, 0.4589** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **6.9481, 0.1728, 0.1241**, and the grayscale version is **23.0920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1150, 0.4335, 0.4390**, and **9.7639, 0.4743, 0.4616** is the 20% darker color. If you saturate the color by 10%, you get **23.9602, 0.4706, 0.4604**, and if you desaturate by 10%, it is **26.6129, 0.4443, 0.4526**.

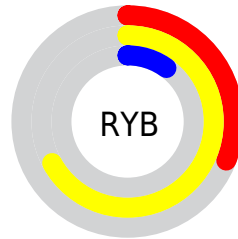
Distribution



Red (67%)

Green (52%)

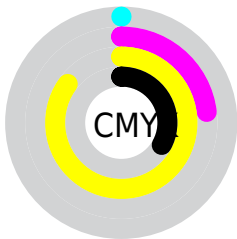
Blue (10%)



Red (31%)

Yellow (67%)

Blue (10%)

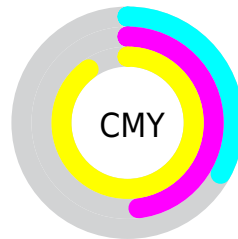


Cyan (0%)

Magenta (23%)

Yellow (85%)

Black (33%)



Cyan (33%)


Magenta (48%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2350, 0.4589, 0.4589 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 25.2350, 0.4589, 0.4589 by changing the saturation by 10% instead.


 25.2350, 0.4589,
0.4589


 25.2350, 0.4589,
0.4589

279.0062, 0.3853,
0.3962


 16.2522, 0.4742,
0.4704


 52.0382, 0.4337,
0.4384


 9.7028, 0.4921,
0.4829


 70.6274, 0.4235,
0.4298

 5.2024, 0.5087,
0.4913

 93.1876, 0.4148,
0.4223

 2.3665, 0.5150,
0.4850

 120.1031, 0.4073,
0.4157

 0.8086, 0.5272,
0.4728

 151.7583, 0.4007,
0.4099

 0.0000, 0.0000,
0.0000

 188.5376, 0.3949,

0.4048

230.8255, 0.3898,
0.4003

25.2350, 0.4589,
0.4589

25.2350, 0.4589,
0.4589

23.9602, 0.4706,
0.4604

26.6129, 0.4443,
0.4526

23.3241, 0.4761,
0.4602

28.0980, 0.4275,
0.4420

29.6980, 0.4091,
0.4278

31.4188, 0.3901,
0.4112

33.2654, 0.3712,
0.3930

■ 35.2427, 0.3529,
0.3742

■ 37.3551, 0.3358,
0.3555

■ 39.6066, 0.3198,
0.3374

■ 42.0014, 0.3053,
0.3201

Harmonies

Analogous

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



25.2350, 0.5022, 0.3914



25.2350, 0.4589, 0.4589



25.2350, 0.3809, 0.5073

Triad

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



25.2350, 0.4589, 0.4589



25.2350, 0.1635, 0.2955



25.2350, 0.3105, 0.2159

Complementary

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



25.2350, 0.4589, 0.4589



6.9481, 0.1728, 0.1241

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.



25.2350, 0.2251, 0.1903



25.2350, 0.4589, 0.4589



25.2350, 0.1519, 0.2231

Square

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



25.2350, 0.4589, 0.4589



25.2350, 0.2109, 0.4036



25.2350, 0.1724, 0.1910



25.2350, 0.4119, 0.2632

Rectangle

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



25.2350, 0.4589, 0.4589



25.2350, 0.3206, 0.5080



25.2350, 0.1724, 0.1910



25.2350, 0.2789, 0.2047

Sweetspot

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



25.2362, 0.4589, 0.4589



62.8619, 0.3541, 0.3755



9.8068, 0.5309, 0.2863



13.7443, 0.3603, 0.3819



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.2362, 0.4589, 0.4589



41.3974, 0.4773, 0.4592



34.7470, 0.3830, 0.5218



8.9600, 0.3269, 0.3455



17.6700, 0.4754, 0.4607



0.5755, 0.4551, 0.4769

Inverse Universe

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



6.9481, 0.1728, 0.1241



8.4669, 0.1586, 0.0910



4.5646, 0.1783, 0.0863



8.0949, 0.2986, 0.3119



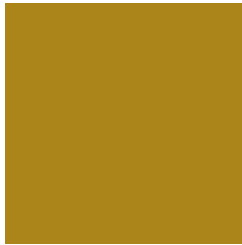
3.7674, 0.1598, 0.0953



0.1957, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 25.2350, 0.4589, 0.4589 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 25.2350, 0.4589, 0.4589 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 25.2350, 0.4589, 0.4589

Background



This preview shows how black text looks on a background with the Yxy color 25.2350, 0.4589, 0.4589.



This preview shows how white text looks on a background with the Yxy color 25.2350, 0.4589, 0.4589.

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

25.2350, 0.4589, 0.4589

Protanopia

25.2294, 0.4320, 0.4777

Deuteranopia

25.3104, 0.4631, 0.4549



Tritanopia

25.1790, 0.3686, 0.3159

Trichromacy



Original Color

25.2350, 0.4589, 0.4589

Protanomaly

25.2645, 0.4419, 0.4711

Deuteranomaly

25.1960, 0.4620, 0.4556

Tritanomaly

24.8260, 0.4130, 0.3781

Monochromacy



Original Color

25.2350, 0.4589, 0.4589

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4038, 0.3730, 0.3954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2350, 0.4589, 0.4589 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(171, 132, 26)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 26)  
}
```

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(171, 132, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 26) }
```

Border

The CSS property to change the border of an element to Yxy 25.2350, 0.4589, 0.4589 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(171, 132, 26) }
```

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

```
.border{ border-color:rgb(171, 132, 26) }
```

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

Here you see how a box with a 4 pixel rgb(171, 132, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 26);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2350, 0.4589, 0.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 26) }
```

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

```
.background{ background-color: rgb(171,  
132, 26) }
```

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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