

Converting Colors

$Y_{xy}(25.9597, 0.4646, 0.4553)$

Have a look what the booklet for
Yxy(25.9597, 0.4646, 0.4553)
contains.

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Color

Yxy(25.8072, 0.4644, 0.4550)

Conversions

Conversions Part 1

Format	Color
Hex	B0841A
RGB	176, 132, 26
RGB Percent	69%, 52%, 10%
CMY	0.3099, 0.4823, 0.8979
CMYK	0.00, 0.25, 0.85, 0.31
HSL	42°, 74%, 40%
HSV	42°, 85%, 69%
XYZ	26.3404, 25.8072, 4.5716
YIQ	133.0720, 60.2500, -23.6380

Conversions

Conversions Part 2

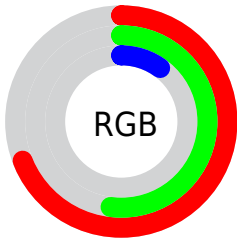
Format	Color
R _Y B	88, 176, 26
Decimal	11568154
CIE Lab	57.85, 7.65, 57.82
CIE LCh	58, 58.325, 82.463
Yxy	25.8072, 0.4644, 0.4550
Android (android.graphics.Color)	4289758234 (0xFFB0841A)
YUV	133.0720, -52.7865, 37.6479
Hunter-Lab	50.8008, 3.6514, 30.2250

Details

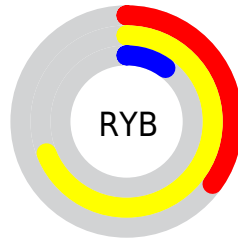
The Yxy color **25.8072, 0.4644, 0.4550** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.7349, 0.1736, 0.1285**, and the grayscale version is **23.6642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1400, 0.4381, 0.4355**, and **10.1085, 0.4821, 0.4554** is the 20% darker color. If you saturate the color by 10%, you get **24.3868, 0.4769, 0.4558**, and if you desaturate by 10%, it is **27.3476, 0.4489, 0.4494**.

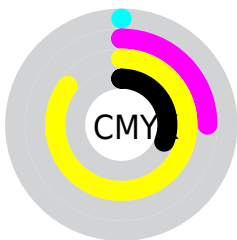
Distribution



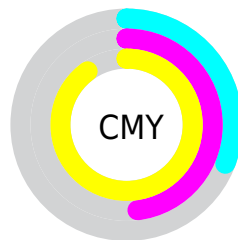
- Red (69%)
- Green (52%)
- Blue (10%)



- Red (35%)
- Yellow (69%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (31%)




- Cyan (31%)
- Magenta (48%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8072, 0.4644, 0.4550 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 25.8072, 0.4644, 0.4550 by changing the saturation by 10% instead.


 25.8072, 0.4644,
0.4550


 25.8072, 0.4644,
0.4550


281.8344, 0.3881,
0.3953


 16.6795, 0.4803,
0.4654


 52.9637, 0.4382,
0.4358

 10.0062, 0.4989,
0.4763


 71.7613, 0.4277,
0.4277


 5.4031, 0.5171,
0.4829

 94.5510, 0.4187,
0.4205


 2.4857, 0.5256,
0.4744

 121.7172, 0.4109,
0.4142

 0.8694, 0.5411,
0.4589

 153.6442, 0.4041,
0.4086

 0.0000, 0.0000,
0.0000

 190.7165, 0.3981,

0.4037

233.3184, 0.3928,
0.3993

25.8072, 0.4644,
0.4550

25.8072, 0.4644,
0.4550

24.3868, 0.4769,
0.4558

27.3476, 0.4489,
0.4494

23.7386, 0.4824,
0.4552

29.0128, 0.4312,
0.4394

30.8116, 0.4120,
0.4258

32.7502, 0.3923,
0.4096

34.8346, 0.3728,
0.3920

■ 37.0699, 0.3542,
0.3737

■ 39.4613, 0.3367,
0.3555

■ 42.0133, 0.3205,
0.3379

■ 44.7304, 0.3059,
0.3211

Harmonies

Analogous

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



25.8072, 0.5047, 0.3866



25.8072, 0.4644, 0.4550



25.8072, 0.3874, 0.5068

Triad

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



25.8072, 0.4644, 0.4550



25.8072, 0.1645, 0.3020



25.8072, 0.3034, 0.2125

Complementary

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



25.8072, 0.4644, 0.4550



7.7349, 0.1736, 0.1285

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.



25.8072, 0.2195, 0.1885



25.8072, 0.4644, 0.4550



25.8072, 0.1506, 0.2260

Square

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



25.8072, 0.4644, 0.4550



25.8072, 0.2148, 0.4124



25.8072, 0.1689, 0.1912



25.8072, 0.4057, 0.2587

Rectangle

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



25.8072, 0.4644, 0.4550



25.8072, 0.3271, 0.5113



25.8072, 0.1689, 0.1912



25.8072, 0.2721, 0.2018

Sweetspot

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



25.8085, 0.4644, 0.4550



66.7238, 0.3564, 0.3760



10.4237, 0.5276, 0.2834



14.1598, 0.3627, 0.3821



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.8085, 0.4644, 0.4550



42.6504, 0.4837, 0.4541



37.2309, 0.3855, 0.5207



9.4773, 0.3270, 0.3450



17.5251, 0.4815, 0.4558



0.6464, 0.4605, 0.4725

Inverse Universe

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



7.7349, 0.1736, 0.1285



9.7356, 0.1600, 0.0959



4.7153, 0.1756, 0.0842



8.6228, 0.2985, 0.3124



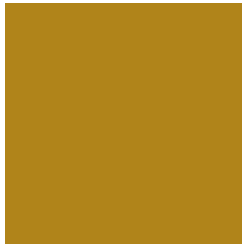
4.1667, 0.1613, 0.1006



0.2347, 0.1775, 0.1590

Previews

White Background



This preview shows how the Yxy color 25.8072, 0.4644, 0.4550 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 25.8072, 0.4644, 0.4550 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 25.8072, 0.4644, 0.4550

Background



This preview shows how black text looks on a background with the Yxy color 25.8072, 0.4644, 0.4550.



This preview shows how white text looks on a background with the Yxy color 25.8072, 0.4644, 0.4550.

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

25.8072, 0.4644, 0.4550

Protanopia

26.0081, 0.4320, 0.4783

Deuteranopia

25.8072, 0.4644, 0.4550



Tritanopia

25.7769, 0.3747, 0.3162

Trichromacy



Original Color

25.8072, 0.4644, 0.4550

Protanomaly

25.8630, 0.4442, 0.4698

Deuteranomaly

25.8072, 0.4644, 0.4550

Tritanomaly

25.4153, 0.4190, 0.3768

Monochromacy



Original Color

25.8072, 0.4644, 0.4550

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9728, 0.3751, 0.3944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8072, 0.4644, 0.4550 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(176, 132, 26)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 132, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 132, 26) }
```

Border

The CSS property to change the border of an element to Yxy 25.8072, 0.4644, 0.4550 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(176, 132, 26) }
```

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

```
.border{ border-color:rgb(176, 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(176, 132, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 132, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 132, 26);  
box-shadow:4px 4px 4px 4px rgb(176, 132,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8072, 0.4644, 0.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 132, 26) }
```

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

```
.background{ background-color: rgb(176,  
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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