

Converting Colors

$Y_{xy}(25.9741, 0.4627, 0.4546)$

Have a look what the booklet for
Yxy(25.9741, 0.4627, 0.4546)
contains.

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Color

Yxy(26.0890, 0.4623, 0.4551)

Conversions

Conversions Part 1

Format	Color
Hex	B0851C
RGB	176, 133, 28
RGB Percent	69%, 52%, 11%
CMY	0.3098, 0.4784, 0.8903
CMYK	0.00, 0.24, 0.84, 0.31
HSL	43°, 73%, 40%
HSV	43°, 84%, 69%
XYZ	26.5017, 26.0890, 4.7351
YIQ	133.8870, 59.3330, -23.5390

Conversions

Conversions Part 2

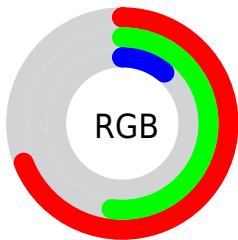
Format	Color
RYB	89, 176, 28
Decimal	11568412
CIELab	58.12, 7.16, 57.46
CIElCh	58, 57.908, 82.897
Yxy	26.0890, 0.4623, 0.4551
Android (android.graphics.Color)	4289758492 (0xFFB0851C)
YUV	133.8870, -52.2023, 36.9331
Hunter-Lab	51.0774, 3.2301, 30.2577

Details

The Yxy color **26.0890, 0.4623, 0.4551** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.8831, 0.1747, 0.1303**, and the grayscale version is **23.9751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4045, 0.4359, 0.4361**, and **10.2626, 0.4800, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **24.6633, 0.4750, 0.4564**, and if you desaturate by 10%, it is **27.6346, 0.4467, 0.4489**.

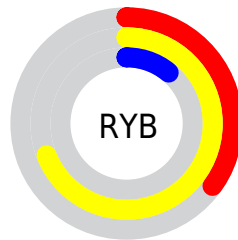
Distribution



Red (69%)

Green (52%)

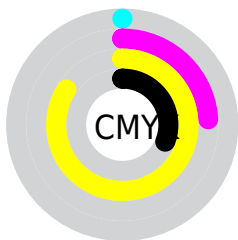
Blue (11%)



Red (35%)

Yellow (69%)

Blue (11%)

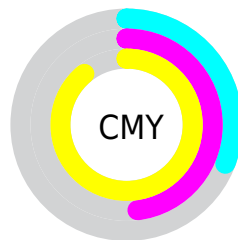


Cyan (0%)

Magenta (24%)

Yellow (84%)

Black (31%)



Cyan (31%)


Magenta (48%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0890, 0.4623, 0.4551 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 26.0890, 0.4623, 0.4551 by changing the saturation by 10% instead.


 26.0890, 0.4623,
0.4551


 26.0890, 0.4623,
0.4551


283.2187, 0.3871,
0.3951


 16.8902, 0.4780,
0.4658


 53.4185, 0.4365,
0.4357

 10.1563, 0.4961,
0.4767


 72.3180, 0.4261,
0.4275

 5.5027, 0.5150,
0.4850

 95.2199, 0.4172,
0.4204

 2.5451, 0.5229,
0.4771

 122.5085, 0.4095,
0.4140

 0.8992, 0.5372,
0.4628

 154.5684, 0.4028,
0.4084

 0.0000, 0.0000,
0.0000

 191.7837, 0.3969,

0.4035

234.5390, 0.3917,
0.3991

26.0890, 0.4623,
0.4551

26.0890, 0.4623,
0.4551

24.6633, 0.4750,
0.4564

27.6346, 0.4467,
0.4489

23.8676, 0.4817,
0.4558

29.3047, 0.4288,
0.4384

31.1078, 0.4097,
0.4244

33.0501, 0.3900,
0.4080

35.1374, 0.3707,
0.3902

■ 37.3750, 0.3521,
0.3718

■ 39.7677, 0.3348,
0.3536

■ 42.3202, 0.3189,
0.3360

■ 45.0368, 0.3043,
0.3193

Harmonies

Analogous

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



26.0890, 0.5027, 0.3874



26.0890, 0.4623, 0.4551



26.0890, 0.3858, 0.5054

Triad

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



26.0890, 0.4623, 0.4551



26.0890, 0.1654, 0.3011



26.0890, 0.3050, 0.2140

Complementary

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



26.0890, 0.4623, 0.4551



7.8831, 0.1747, 0.1303

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.



26.0890, 0.2214, 0.1899



26.0890, 0.4623, 0.4551



26.0890, 0.1520, 0.2263

Square

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



26.0890, 0.4623, 0.4551



26.0890, 0.2149, 0.4098



26.0890, 0.1706, 0.1921



26.0890, 0.4062, 0.2602

Rectangle

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



26.0890, 0.4623, 0.4551



26.0890, 0.3259, 0.5089



26.0890, 0.1706, 0.1921



26.0890, 0.2739, 0.2032

Sweetspot

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



26.0903, 0.4623, 0.4551



67.2293, 0.3545, 0.3743



10.5321, 0.5238, 0.2829



14.2644, 0.3608, 0.3806



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.



26.0903, 0.4623, 0.4551



42.8780, 0.4830, 0.4547



37.2825, 0.3854, 0.5194



9.4813, 0.3270, 0.3451



17.6160, 0.4808, 0.4564



0.6487, 0.4601, 0.4729

Inverse Universe

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



7.8831, 0.1747, 0.1303



9.6591, 0.1598, 0.0953



4.8504, 0.1771, 0.0861



8.6190, 0.2985, 0.3124



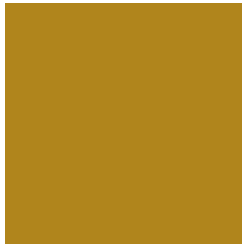
4.1342, 0.1611, 0.0999



0.2332, 0.1773, 0.1582

Previews

White Background



This preview shows how the Yxy color 26.0890, 0.4623, 0.4551 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 26.0890, 0.4623, 0.4551 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 26.0890, 0.4623, 0.4551

Background



This preview shows how black text looks on a background with the Yxy color 26.0890, 0.4623, 0.4551.



This preview shows how white text looks on a background with the Yxy color 26.0890, 0.4623, 0.4551.

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

26.0890, 0.4623, 0.4551

Protanopia

26.1190, 0.4323, 0.4762

Deuteranopia

26.0890, 0.4623, 0.4551



Tritanopia

26.0538, 0.3730, 0.3162

Trichromacy



Original Color

26.0890, 0.4623, 0.4551

Protanomaly

25.9794, 0.4444, 0.4678

Deuteranomaly

26.0890, 0.4623, 0.4551

Tritanomaly

25.7083, 0.4159, 0.3754

Monochromacy



Original Color

26.0890, 0.4623, 0.4551

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2660, 0.3734, 0.3942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0890, 0.4623, 0.4551 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, 133, 28)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 28)  
}
```

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, 133, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 28) }
```

Border

The CSS property to change the border of an element to Yxy 26.0890, 0.4623, 0.4551 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, 133, 28) }
```

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

```
.border{ border-color:rgb(176, 133, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 133, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 28);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0890, 0.4623, 0.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 28) }
```

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

```
.background{ background-color: rgb(176,  
133, 28) }
```

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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