

Converting Colors

$Yxy(26.5371, 0.4688, 0.4618)$

Have a look what the booklet for
Yxy(26.5371, 0.4688, 0.4618)
contains.

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Color

$\text{Yxy}(26.5371, 0.4688, 0.4618)$

Conversions

Conversions Part 1

Format	Color
Hex	B2860A
RGB	178, 134, 10
RGB Percent	70%, 53%, 4%
CMY	0.3020, 0.4745, 0.9609
CMYK	0.00, 0.25, 0.94, 0.30
HSL	44°, 89%, 37%
HSV	44°, 94%, 70%
XYZ	26.9394, 26.5371, 3.9880
YIQ	133.0200, 66.0280, -29.2360

Conversions

Conversions Part 2

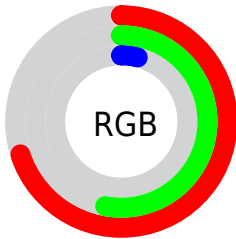
Format	Color
RYB	70, 178, 10
Decimal	11699722
CIELab	58.54, 7.13, 62.10
CIELCh	59, 62.511, 83.451
Yxy	26.5371, 0.4688, 0.4618
Android (android.graphics.Color)	4289889802 (0xFFB2860A)
YUV	133.0200, -60.6489, 39.4475
Hunter-Lab	51.5142, 3.1968, 31.4699

Details

The Yxy color **26.5371, 0.4688, 0.4618** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **5.9122, 0.1630, 0.1017**, and the grayscale version is **23.6694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2122, 0.4428, 0.4423**, and **10.4901, 0.4795, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **25.8046, 0.4744, 0.4615**, and if you desaturate by 10%, it is **27.9160, 0.4574, 0.4601**.

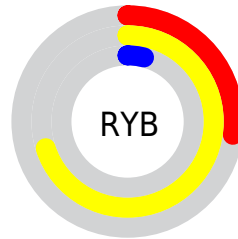
Distribution



Red (70%)

Green (53%)

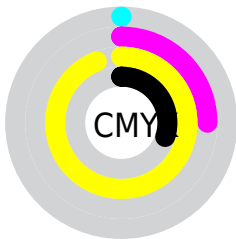
Blue (4%)



Red (27%)

Yellow (70%)

Blue (4%)

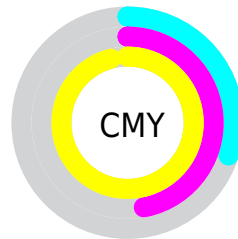


Cyan (0%)

Magenta (25%)

Yellow (94%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5371, 0.4688, 0.4618 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 26.5371, 0.4688, 0.4618 by changing the saturation by 10% instead.

 26.5371, 0.4688,
0.4618


 26.5371, 0.4688,
0.4618


285.4088, 0.3920,
0.4003


 17.2259, 0.4838,
0.4718


 54.1402, 0.4431,
0.4426


 10.3957, 0.5025,
0.4834

 73.2008, 0.4326,
0.4342


 5.6621, 0.5146,
0.4854

 96.2800, 0.4235,
0.4268

 2.6407, 0.5224,
0.4776

 123.7622, 0.4155,
0.4202

 0.9472, 0.5362,
0.4638

 156.0318, 0.4085,
0.4143

 0.0000, 1.0000,
0.0000


 193.4732, 0.4024,


 0.0000, 0.0000,


0.4091


0.0000


 236.4707, 0.3969,
0.4045


 26.5371, 0.4688,
0.4618

 26.5371, 0.4688,
0.4618


 25.8046, 0.4744,
0.4615

 27.9160, 0.4574,
0.4601

 29.4014, 0.4430,
0.4536

 31.0029, 0.4263,
0.4428

 32.7277, 0.4082,
0.4284

 34.5821, 0.3893,
0.4115

■ 36.5717, 0.3705,
0.3931

■ 38.7016, 0.3523,
0.3741

■ 40.9768, 0.3352,
0.3551

■ 43.4017, 0.3193,
0.3368

Harmonies

Analogous

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



26.5371, 0.5145, 0.3896



26.5371, 0.4688, 0.4618



26.5371, 0.3865, 0.5178

Triad

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



26.5371, 0.4688, 0.4618



26.5371, 0.1560, 0.2960



26.5371, 0.3058, 0.2081

Complementary

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



26.5371, 0.4688, 0.4618



5.9122, 0.1630, 0.1017

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.



26.5371, 0.2168, 0.1824



26.5371, 0.4688, 0.4618



26.5371, 0.1433, 0.2181

Square

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



26.5371, 0.4688, 0.4618



26.5371, 0.2065, 0.4138



26.5371, 0.1633, 0.1838



26.5371, 0.4146, 0.2567

Rectangle

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



26.5371, 0.4688, 0.4618



26.5371, 0.3230, 0.5229



26.5371, 0.1633, 0.1838



26.5371, 0.2726, 0.1967

Sweetspot

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



26.5384, 0.4688, 0.4618



68.5785, 0.3596, 0.3819



9.9545, 0.5699, 0.2962



14.8305, 0.3675, 0.3900



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.5384, 0.4688, 0.4618



46.4041, 0.4756, 0.4606



37.3321, 0.3798, 0.5332



9.5226, 0.3269, 0.3457



18.5705, 0.4737, 0.4621



0.6729, 0.4555, 0.4765

Inverse Universe

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



5.9122, 0.1630, 0.1017



9.1397, 0.1581, 0.0890



4.0876, 0.1684, 0.0731



8.5800, 0.2985, 0.3117



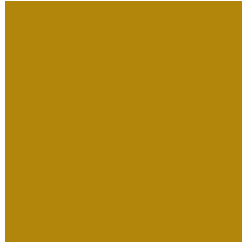
3.8211, 0.1593, 0.0935



0.2173, 0.1750, 0.1501

Previews

White Background



This preview shows how the Yxy color 26.5371, 0.4688, 0.4618 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 26.5371, 0.4688, 0.4618 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 26.5371, 0.4688, 0.4618

Background



This preview shows how black text looks on a background with the Yxy color 26.5371, 0.4688, 0.4618.



This preview shows how white text looks on a background with the Yxy color 26.5371, 0.4688, 0.4618.

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

26.5371, 0.4688, 0.4618

Protanopia

26.7486, 0.4364, 0.4854

Deuteranopia

26.5371, 0.4688, 0.4618



Tritanopia

26.5788, 0.3738, 0.3164

Trichromacy



Original Color

26.5371, 0.4688, 0.4618

Protanomaly

26.6013, 0.4484, 0.4765

Deuteranomaly

26.5371, 0.4688, 0.4618

Tritanomaly

26.1047, 0.4244, 0.3845

Monochromacy



Original Color

26.5371, 0.4688, 0.4618

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.8692, 0.3817, 0.4041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5371, 0.4688, 0.4618 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(178, 134, 10)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 10)  
}
```

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(178, 134, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 10) }
```

Border

The CSS property to change the border of an element to Yxy 26.5371, 0.4688, 0.4618 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(178, 134, 10) }
```

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

```
.border{ border-color:rgb(178, 134, 10) }
```

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

Here you see how a box with a 4 pixel rgb(178, 134, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 10);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5371, 0.4688, 0.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 10) }
```

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

```
.background{ background-color: rgb(178,  
134, 10) }
```

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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