

Converting Colors

$Y_{xy}(25.7906, 0.4660, 0.4569)$

Have a look what the booklet for
Yxy(25.7906, 0.4660, 0.4569)
contains.

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Color

Yxy(25.7906, 0.4660, 0.4569)

Conversions

Conversions Part 1

Format	Color
Hex	B08416
RGB	176, 132, 22
RGB Percent	69%, 52%, 9%
CMY	0.3097, 0.4824, 0.9136
CMYK	0.00, 0.25, 0.87, 0.31
HSL	43°, 78%, 39%
HSV	43°, 87%, 69%
XYZ	26.3043, 25.7906, 4.3521
YIQ	132.6160, 61.5340, -24.8820

Conversions

Conversions Part 2

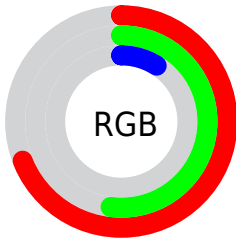
Format	Color
R_{YB}	84, 176, 22
Decimal	11568150
CIE Lab	57.84, 7.57, 58.92
CIE LCh	58, 59.409, 82.679
Yxy	25.7906, 0.4660, 0.4569
Android (android.graphics.Color)	4289758230 (0xFFB08416)
YUV	132.6160, -54.5337, 38.0478
Hunter-Lab	50.7844, 3.5829, 30.4682

Details

The Yxy color **25.7906, 0.4660, 0.4569** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.2092, 0.1708, 0.1216**, and the grayscale version is **23.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0953, 0.4399, 0.4378**, and **10.1085, 0.4821, 0.4554** is the 20% darker color. If you saturate the color by 10%, you get **24.4115, 0.4777, 0.4569**, and if you desaturate by 10%, it is **27.2825, 0.4515, 0.4523**.

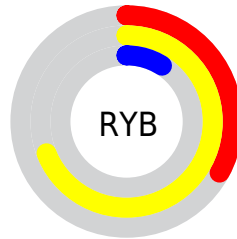
Distribution



Red (69%)

Green (52%)

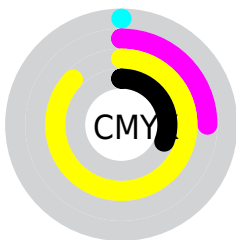
Blue (9%)



Red (33%)

Yellow (69%)

Blue (9%)

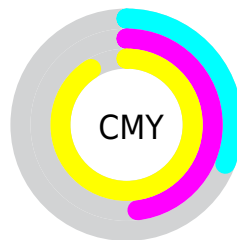


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (31%)



Cyan (31%)


Magenta (48%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7906, 0.4660, 0.4569 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 25.7906, 0.4660, 0.4569 by changing the saturation by 10% instead.


 25.7906, 0.4660,
0.4569


 25.7906, 0.4660,
0.4569


281.7526, 0.3893,
0.3967


 16.6671, 0.4817,
0.4672


 52.9369, 0.4398,
0.4377


 9.9974, 0.5006,
0.4783

 71.7285, 0.4293,
0.4295


 5.3972, 0.5168,
0.4832

 94.5116, 0.4202,
0.4223

 2.4822, 0.5252,
0.4748

 121.6705, 0.4123,
0.4158

 0.8677, 0.5406,
0.4594


 153.5896, 0.4054,
0.4102


 0.0000, 0.0000,
0.0000


 190.6535, 0.3994,

0.4052


 233.2463, 0.3940,
0.4007


 25.7906, 0.4660,
0.4569


 25.7906, 0.4660,
0.4569


 24.4115, 0.4777,
0.4569

 27.2825, 0.4515,
0.4523

 24.0768, 0.4805,
0.4567

 28.8942, 0.4345,
0.4431

 30.6345, 0.4158,
0.4300

 32.5099, 0.3964,
0.4142

 34.5263, 0.3770,
0.3967

■ 36.6891, 0.3582,
0.3783

■ 39.0031, 0.3405,
0.3599

■ 41.4732, 0.3241,
0.3419

■ 44.1036, 0.3091,
0.3248

Harmonies

Analogous

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



25.7906, 0.5078, 0.3873



25.7906, 0.4660, 0.4569



25.7906, 0.3874, 0.5100

Triad

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



25.7906, 0.4660, 0.4569



25.7906, 0.1620, 0.3005



25.7906, 0.3038, 0.2110

Complementary

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



25.7906, 0.4660, 0.4569



7.2092, 0.1708, 0.1216

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.



25.7906, 0.2185, 0.1866



25.7906, 0.4660, 0.4569



25.7906, 0.1483, 0.2237

Square

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



25.7906, 0.4660, 0.4569



25.7906, 0.2125, 0.4132



25.7906, 0.1671, 0.1889



25.7906, 0.4081, 0.2579

Rectangle

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



25.7906, 0.4660, 0.4569



25.7906, 0.3261, 0.5149



25.7906, 0.1671, 0.1889



25.7906, 0.2720, 0.2001

Sweetspot

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



25.7919, 0.4660, 0.4569



66.9439, 0.3563, 0.3764



10.2276, 0.5355, 0.2846



14.2128, 0.3625, 0.3827



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.



25.7919, 0.4660, 0.4569



43.2511, 0.4818, 0.4557



37.1565, 0.3856, 0.5231



9.4879, 0.3270, 0.3452



17.7648, 0.4797, 0.4573



0.6525, 0.4593, 0.4735

Inverse Universe

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



7.2092, 0.1708, 0.1216



9.5364, 0.1595, 0.0943



4.4627, 0.1727, 0.0804



8.6128, 0.2985, 0.3123



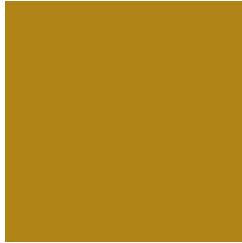
4.0821, 0.1608, 0.0988



0.2306, 0.1769, 0.1569

Previews

White Background



This preview shows how the Yxy color 25.7906, 0.4660, 0.4569 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 25.7906, 0.4660, 0.4569 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 25.7906, 0.4660, 0.4569

Background



This preview shows how black text looks on a background with the Yxy color 25.7906, 0.4660, 0.4569.



This preview shows how white text looks on a background with the Yxy color 25.7906, 0.4660, 0.4569.

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

25.7906, 0.4660, 0.4569

Protanopia

25.9902, 0.4336, 0.4806

Deuteranopia

25.7906, 0.4660, 0.4569



Tritanopia

25.7769, 0.3747, 0.3162

Trichromacy



Original Color

25.7906, 0.4660, 0.4569

Protanomaly

25.8457, 0.4457, 0.4719

Deuteranomaly

25.7906, 0.4660, 0.4569

Tritanomaly

25.3977, 0.4202, 0.3782

Monochromacy



Original Color

25.7906, 0.4660, 0.4569

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9549, 0.3762, 0.3960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7906, 0.4660, 0.4569 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(176, 132, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 132, 22) }
```

Border

The CSS property to change the border of an element to Yxy 25.7906, 0.4660, 0.4569 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, 22) }
```

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

```
.border{ border-color:rgb(176, 132, 22) }
```

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, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 132, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 132, 22);  
box-shadow:4px 4px 4px 4px rgb(176, 132,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7906, 0.4660, 0.4569 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, 22) }
```

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

```
.background{ background-color: rgb(176,  
132, 22) }
```

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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