

Converting Colors

$Yxy(28.4333, 0.4660, 0.4566)$

Have a look what the booklet for
Yxy(28.4333, 0.4660, 0.4566)
contains.

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Color

Yxy(28.4333, 0.4660, 0.4566)

Conversions

Conversions Part 1

Format	Color
Hex	B88A18
RGB	184, 138, 24
RGB Percent	72%, 54%, 9%
CMY	0.2785, 0.4588, 0.9061
CMYK	0.00, 0.25, 0.87, 0.28
HSL	43°, 77%, 41%
HSV	43°, 87%, 72%
XYZ	29.0187, 28.4333, 4.8198
YIQ	138.7580, 64.0100, -25.7020

Conversions

Conversions Part 2

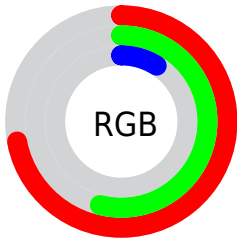
Format	Color
RYB	89, 184, 24
Decimal	12093976
CIELab	60.28, 7.89, 60.77
CIElCh	60, 61.276, 82.598
Yxy	28.4333, 0.4660, 0.4566
Android (android.graphics.Color)	4290284056 (0xFFB88A18)
YUV	138.7580, -56.5757, 39.6772
Hunter-Lab	53.3229, 3.8258, 31.9668

Details

The Yxy color **28.4333, 0.4660, 0.4566** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.0257, 0.1711, 0.1225**, and the grayscale version is **25.9227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0888, 0.4407, 0.4382**, and **11.4151, 0.4823, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **26.9008, 0.4777, 0.4566**, and if you desaturate by 10%, it is **30.0928, 0.4513, 0.4519**.

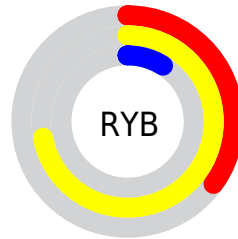
Distribution



Red (72%)

Green (54%)

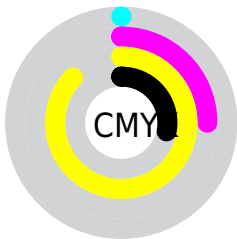
Blue (9%)



Red (35%)

Yellow (72%)

Blue (9%)

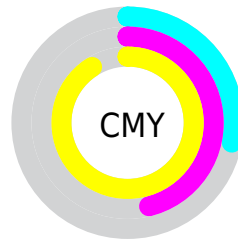


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (28%)



Cyan (28%)


Magenta (46%)

Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4333, 0.4660, 0.4566 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 28.4333, 0.4660, 0.4566 by changing the saturation by 10% instead.


 28.4333, 0.4660,
0.4566


 28.4333, 0.4660,
0.4566


 294.5316, 0.3905,
0.3976


 18.6525, 0.4813,
0.4666


 57.1755, 0.4405,
0.4380


 11.4195, 0.4984,
0.4763


 76.9057, 0.4302,
0.4300


 6.3497, 0.5164,
0.4836


 100.7212, 0.4212,
0.4229

 3.0589, 0.5242,
0.4758

 129.0064, 0.4134,
0.4166

 1.1626, 0.5378,
0.4622

 162.1456, 0.4066,
0.4110

 0.0308, 0.8782,
0.1218

 200.5233, 0.4006,

 0.0000, 0.0000,

0.4060

0.0000

244.5238, 0.3953,
0.4016

28.4333, 0.4660,
0.4566

28.4333, 0.4660,
0.4566

26.9008, 0.4777,
0.4566

30.0928, 0.4513,
0.4519

26.4564, 0.4811,
0.4562

31.8864, 0.4341,
0.4425

33.8237, 0.4153,
0.4294

35.9121, 0.3958,
0.4135

38.1580, 0.3763,
0.3959

■ 40.5674, 0.3575,
0.3775

■ 43.1460, 0.3397,
0.3590

■ 45.8987, 0.3233,
0.3411

■ 48.8307, 0.3084,
0.3239

Harmonies

Analogous

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



28.4333, 0.5076, 0.3871



28.4333, 0.4660, 0.4566



28.4333, 0.3876, 0.5097

Triad

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



28.4333, 0.4660, 0.4566



28.4333, 0.1623, 0.3008



28.4333, 0.3036, 0.2111

Complementary

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



28.4333, 0.4660, 0.4566



8.0257, 0.1711, 0.1225

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.



28.4333, 0.2184, 0.1868



28.4333, 0.4660, 0.4566



28.4333, 0.1485, 0.2240

Square

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



28.4333, 0.4660, 0.4566



28.4333, 0.2128, 0.4134



28.4333, 0.1672, 0.1892



28.4333, 0.4077, 0.2579

Rectangle

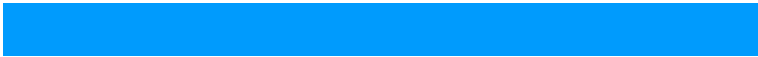
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.4333, 0.4660, 0.4566



28.4333, 0.3264, 0.5147



28.4333, 0.1672, 0.1892



28.4333, 0.2718, 0.2002

Sweetspot

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



28.4347, 0.4660, 0.4566



73.7955, 0.3565, 0.3765



11.3079, 0.5348, 0.2844



15.5769, 0.3628, 0.3828



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.4347, 0.4660, 0.4566



47.5349, 0.4823, 0.4552



41.0169, 0.3856, 0.5228



10.0555, 0.3271, 0.3452



18.3612, 0.4801, 0.4570



0.7476, 0.4611, 0.4721

Inverse Universe

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



8.0257, 0.1711, 0.1225



10.5136, 0.1595, 0.0942



4.9511, 0.1730, 0.0808



9.1286, 0.2985, 0.3122



4.2384, 0.1608, 0.0989



0.2590, 0.1759, 0.1530

Previews

White Background



This preview shows how the Yxy color 28.4333, 0.4660, 0.4566 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 28.4333, 0.4660, 0.4566 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 28.4333, 0.4660, 0.4566

Background



This preview shows how black text looks on a background with the Yxy color 28.4333, 0.4660, 0.4566.



This preview shows how white text looks on a background with the Yxy color 28.4333, 0.4660, 0.4566.

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

28.4333, 0.4660, 0.4566

Protanopia

28.5249, 0.4337, 0.4800

Deuteranopia

28.4333, 0.4660, 0.4566



Tritanopia

28.2205, 0.3748, 0.3154

Trichromacy



Original Color

28.4333, 0.4660, 0.4566

Protanomaly

28.3730, 0.4454, 0.4717

Deuteranomaly

28.4333, 0.4660, 0.4566

Tritanomaly

28.0570, 0.4193, 0.3777

Monochromacy



Original Color

28.4333, 0.4660, 0.4566

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2969, 0.3758, 0.3968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4333, 0.4660, 0.4566 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(184, 138, 24)` looks like.

```
.text, #text, p{  
    color:rgb(184, 138, 24)  
}
```

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(184, 138, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 138, 24) }
```

Border

The CSS property to change the border of an element to Yxy 28.4333, 0.4660, 0.4566 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(184, 138, 24) }
```

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

```
.border{ border-color:rgb(184, 138, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 138, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 138, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 138, 24);  
box-shadow:4px 4px 4px 4px rgb(184, 138,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4333, 0.4660, 0.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 138, 24) }
```

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

```
.background{ background-color: rgb(184,  
138, 24) }
```

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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