

Converting Colors

$Y_{xy}(17.4037, 0.5216, 0.3797)$

Have a look what the booklet for
Yxy(17.4037, 0.5216, 0.3797)
contains.

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Color

Yxy(17.4756, 0.5216, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	B9582C
RGB	185, 88, 44
RGB Percent	73%, 35%, 17%
CMY	0.2745, 0.6548, 0.8276
CMYK	0.00, 0.52, 0.76, 0.27
HSL	19°, 62%, 45%
HSV	19°, 76%, 73%
XYZ	23.9497, 17.4756, 4.4906
YIQ	111.9870, 71.9360, 6.8800

Conversions

Conversions Part 2

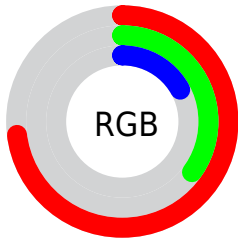
Format	Color
R _Y B	185, 108, 44
Decimal	12146732
CIE Lab	48.85, 36.27, 42.72
CIE LCh	49, 56.036, 49.669
Yxy	17.4756, 0.5216, 0.3806
Android (android.graphics.Color)	4290336812 (0xFFB9582C)
YUV	111.9870, -33.5176, 64.0324
Hunter-Lab	41.8038, 29.1074, 22.8937

Details

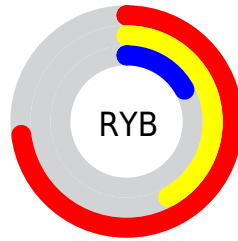
The Yxy color **17.4756, 0.5216, 0.3806** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **23.0705, 0.2106, 0.2516**, and the grayscale version is **16.2840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1217, 0.4764, 0.3779**, and **5.8218, 0.5902, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **15.4574, 0.5554, 0.3778**, and if you desaturate by 10%, it is **19.9222, 0.4854, 0.3790**.

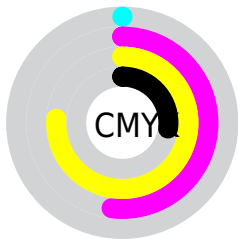
Distribution



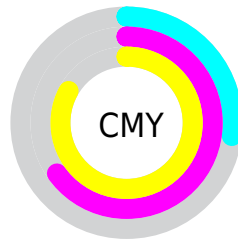
- Red (73%)
- Green (35%)
- Blue (17%)



- Red (73%)
- Yellow (42%)
- Blue (17%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (27%)




- Cyan (27%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4756, 0.5216, 0.3806 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 17.4756, 0.5216, 0.3806 by changing the saturation by 10% instead.


 17.4756, 0.5216,
0.3806


 17.4756, 0.5216,
0.3806


237.8984, 0.4037,
0.3624

 10.5742, 0.5529,
0.3791


 39.1417, 0.4765,
0.3776


 5.7813, 0.5947,
0.3736

 54.6752, 0.4601,
0.3752


 2.7125, 0.6452,
0.3548

 73.8547, 0.4465,
0.3727

 0.9836, 0.6951,
0.3049

 97.0649, 0.4351,
0.3703

 0.0000, 1.0000,
0.0000

 124.6899, 0.4255,
0.3681

 0.0000, 0.0000,
0.0000

 157.1142, 0.4172,

0.3660

194.7223, 0.4100,
0.3641

■ 17.4756, 0.5216,
0.3806

■ 17.4756, 0.5216,
0.3806

■ 15.4574, 0.5554,
0.3778

■ 19.9222, 0.4854,
0.3790

■ 13.8362, 0.5835,
0.3704

■ 22.8192, 0.4499,
0.3741

■ 13.3169, 0.5931,
0.3673

■ 26.1902, 0.4171,
0.3670

■ 30.0564, 0.3879,
0.3588

■ 34.4373, 0.3626,
0.3503

■ 39.3518, 0.3410,
0.3418

■ 44.8172, 0.3227,
0.3338

■ 50.8505, 0.3072,
0.3262

■ 57.4676, 0.2941,
0.3193

Harmonies

Analogous

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



17.4756, 0.4955, 0.3103



17.4756, 0.5216, 0.3806



17.4756, 0.4806, 0.4548

Triad

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



17.4756, 0.5216, 0.3806



17.4756, 0.2126, 0.4324



17.4756, 0.2054, 0.1777

Complementary

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



17.4756, 0.5216, 0.3806



23.0705, 0.2106, 0.2516

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.



17.4756, 0.1555, 0.1826



17.4756, 0.5216, 0.3806



17.4756, 0.1564, 0.3081

Square

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



17.4756, 0.5216, 0.3806



17.4756, 0.3020, 0.5225



17.4756, 0.1392, 0.2222



17.4756, 0.2921, 0.2006

Rectangle

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



17.4756, 0.5216, 0.3806



17.4756, 0.4291, 0.5003



17.4756, 0.1392, 0.2222



17.4756, 0.1848, 0.1760

Sweetspot

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



17.4766, 0.5216, 0.3806



64.0992, 0.3560, 0.3478



14.0857, 0.3848, 0.2098



13.1665, 0.3643, 0.3509



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.



17.4766, 0.5216, 0.3806



25.7912, 0.5738, 0.3737



34.5362, 0.4369, 0.4645



9.4577, 0.3280, 0.3362



9.1851, 0.5908, 0.3691



0.4378, 0.5391, 0.4102

Inverse Universe

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



23.0705, 0.2106, 0.2516



35.7814, 0.1993, 0.2324



8.6944, 0.1789, 0.1283



9.7245, 0.2985, 0.3217



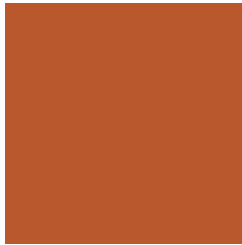
12.8935, 0.1959, 0.2252



0.5597, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 17.4756, 0.5216, 0.3806 looks on a white 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

Black Background



This preview shows how the Yxy color 17.4756, 0.5216, 0.3806 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 17.4756, 0.5216, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 17.4756, 0.5216, 0.3806.



This preview shows how white text looks on a background with the Yxy color 17.4756, 0.5216, 0.3806.

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

17.4756, 0.5216, 0.3806

Protanopia

17.7163, 0.4075, 0.4460

Deuteranopia

17.6198, 0.4495, 0.4427



Tritanopia

17.4726, 0.4672, 0.3215

Trichromacy



Original Color

17.4756, 0.5216, 0.3806

Protanomaly

17.0138, 0.4512, 0.4198

Deuteranomaly

17.3273, 0.4769, 0.4188

Tritanomaly

17.4171, 0.4893, 0.3450

Monochromacy



Original Color

17.4756, 0.5216, 0.3806

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.8776, 0.3889, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4756, 0.5216, 0.3806 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(185, 88, 44)` looks like.

```
.text, #text, p{  
    color:rgb(185, 88, 44)  
}
```

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(185, 88, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 88, 44) }
```

Border

The CSS property to change the border of an element to Yxy 17.4756, 0.5216, 0.3806 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(185, 88, 44) }
```

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

```
.border{ border-color:rgb(185, 88, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 88, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 88, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 88, 44);  
box-shadow:4px 4px 4px 4px rgb(185, 88,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4756, 0.5216, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 88, 44) }
```

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

```
.background{ background-color: rgb(185, 88,  
44) }
```

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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