

Converting Colors

$Yxy(17.3506, 0.5417, 0.3917)$

Have a look what the booklet for
Yxy(17.3506, 0.5417, 0.3917)
contains.

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Color

Yxy(17.4471, 0.5411, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	BB5718
RGB	187, 87, 24
RGB Percent	73%, 34%, 9%
CMY	0.2667, 0.6588, 0.9060
CMYK	0.00, 0.53, 0.87, 0.27
HSL	23°, 77%, 41%
HSV	23°, 87%, 73%
XYZ	24.0648, 17.4471, 2.9620
YIQ	109.7180, 79.8230, 1.6070

Conversions

Conversions Part 2

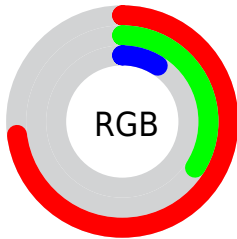
Format	Color
RYB	187, 127, 24
Decimal	12277528
CIELab	48.82, 36.92, 51.61
CIELCh	49, 63.455, 54.417
Yxy	17.4471, 0.5411, 0.3923
Android (android.graphics.Color)	4290467608 (0xFFBB5718)
YUV	109.7180, -42.2590, 67.7763
Hunter-Lab	41.7697, 29.7423, 25.0345

Details

The Yxy color **17.4471, 0.5411, 0.3923** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.1849, 0.1961, 0.2155**, and the grayscale version is **15.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1130, 0.4943, 0.3901**, and **5.8352, 0.5928, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **15.6817, 0.5667, 0.3851**, and if you desaturate by 10%, it is **19.5615, 0.5109, 0.3945**.

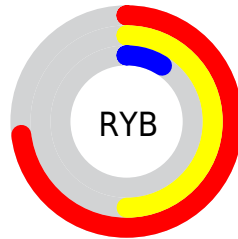
Distribution



Red (73%)

Green (34%)

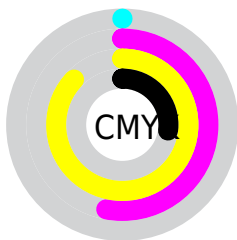
Blue (9%)



Red (73%)

Yellow (50%)

Blue (9%)

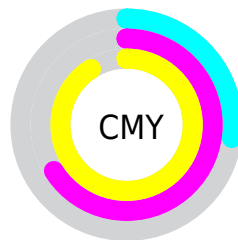


Cyan (0%)

Magenta (53%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (66%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4471, 0.5411, 0.3923 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 17.4471, 0.5411, 0.3923 by changing the saturation by 10% instead.


 17.4471, 0.5411,
0.3923


 17.4471, 0.5411,
0.3923


237.7359, 0.4155,
0.3719


 10.5538, 0.5714,
0.3889


 39.0929, 0.4948,
0.3901

 5.7676, 0.6163,
0.3837

 54.6142, 0.4774,
0.3874

 2.7043, 0.6477,
0.3523

 73.7802, 0.4627,
0.3846

 0.9794, 0.6982,
0.3018

 96.9754, 0.4503,
0.3818


 0.0000, 1.0000,
0.0000

 124.5842, 0.4396,
0.3790

 0.0000, 0.0000,
0.0000


 156.9910, 0.4305,


0.3765


 194.5800, 0.4225,
0.3741


 17.4471, 0.5411,
0.3923


 17.4471, 0.5411,
0.3923


 15.6817, 0.5667,
0.3851


 19.5615, 0.5109,
0.3945

 15.2385, 0.5735,
0.3828

 22.0456, 0.4784,
0.3918

 24.9205, 0.4460,
0.3855

 28.2040, 0.4155,
0.3768

 31.9131, 0.3879,
0.3667

■ 36.0634, 0.3635,
0.3562

■ 40.6698, 0.3424,
0.3458

■ 45.7464, 0.3242,
0.3358

■ 51.3066, 0.3086,
0.3264

Harmonies

Analogous

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



17.4471, 0.5289, 0.3166



17.4471, 0.5411, 0.3923



17.4471, 0.4823, 0.4752

Triad

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



17.4471, 0.5411, 0.3923



17.4471, 0.1868, 0.4239



17.4471, 0.2058, 0.1654

Complementary

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



17.4471, 0.5411, 0.3923



18.1849, 0.1961, 0.2155

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.



17.4471, 0.1466, 0.1649



17.4471, 0.5411, 0.3923



17.4471, 0.1346, 0.2838

Square

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



17.4471, 0.5411, 0.3923



17.4471, 0.2796, 0.5429



17.4471, 0.1237, 0.1991



17.4471, 0.3072, 0.1944

Rectangle

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



17.4471, 0.5411, 0.3923



17.4471, 0.4207, 0.5270



17.4471, 0.1237, 0.1991



17.4471, 0.1815, 0.1619

Sweetspot

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



17.4481, 0.5411, 0.3923



65.1928, 0.3618, 0.3554



12.6839, 0.4254, 0.2203



13.7622, 0.3698, 0.3591



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



17.4481, 0.5411, 0.3923



26.8698, 0.5763, 0.3806



38.6246, 0.4344, 0.4842



10.1251, 0.3279, 0.3379



10.6314, 0.5714, 0.3845



0.5440, 0.5268, 0.4199

Inverse Universe

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



18.1849, 0.1961, 0.2155



27.7856, 0.1874, 0.1947



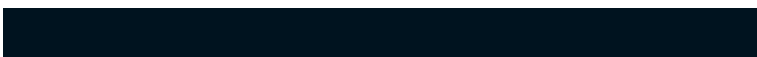
5.5087, 0.1614, 0.0871



10.1730, 0.2984, 0.3199



11.0146, 0.1885, 0.1987



0.5547, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 17.4471, 0.5411, 0.3923 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 17.4471, 0.5411, 0.3923 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.4471, 0.5411, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 17.4471, 0.5411, 0.3923.



This preview shows how white text looks on a background with the Yxy color 17.4471, 0.5411, 0.3923.

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

17.4471, 0.5411, 0.3923

Protanopia

17.6522, 0.4254, 0.4699

Tritanopia

17.3918, 0.4744, 0.3217

Trichromacy



Original Color

17.4471, 0.5411, 0.3923

Protanomaly

16.9761, 0.4699, 0.4398

Tritanomaly

17.2480, 0.5065, 0.3529

Monochromacy



Original Color

17.4471, 0.5411, 0.3923

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.4705, 0.3999, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4471, 0.5411, 0.3923 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(187, 87, 24)` looks like.

```
.text, #text, p{  
    color:rgb(187, 87, 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(187, 87, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 87, 24) }
```

Border

The CSS property to change the border of an element to Yxy 17.4471, 0.5411, 0.3923 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(187, 87, 24) }
```

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

```
.border{ border-color:rgb(187, 87, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 87, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 87, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 87, 24);  
box-shadow:4px 4px 4px 4px rgb(187, 87,  
24) }
```

Background

The CSS property to change the background color of an element to Yxy 17.4471, 0.5411, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 87, 24) }
```

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

```
.background{ background-color: rgb(187, 87,  
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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