

Converting Colors

$Yxy(16.0707, 0.5622, 0.3825)$

Have a look what the booklet for
Yxy(16.0707, 0.5622, 0.3825)
contains.

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Color

Yxy(16.1611, 0.5621, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	BD4D0F
RGB	189, 77, 15
RGB Percent	74%, 30%, 6%
CMY	0.2589, 0.6980, 0.9411
CMYK	0.00, 0.59, 0.92, 0.26
HSL	21°, 85%, 40%
HSV	21°, 92%, 74%
XYZ	23.7246, 16.1611, 2.3214
YIQ	103.4200, 86.6540, 4.4620

Conversions

Conversions Part 2

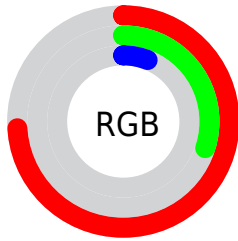
Format	Color
RYB	189, 111, 15
Decimal	12406031
CIELab	47.19, 42.47, 53.48
CIELCh	47, 68.292, 51.550
Yxy	16.1611, 0.5621, 0.3829
Android (android.graphics.Color)	4290596111 (0xFFBD4D0F)
YUV	103.4200, -43.5911, 75.0537
Hunter-Lab	40.2009, 34.9906, 24.7169

Details

The Yxy color **16.1611, 0.5621, 0.3829** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.9511, 0.1954, 0.2183**, and the grayscale version is **13.7836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8012, 0.5124, 0.3848**, and **5.2020, 0.6168, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **14.8737, 0.5819, 0.3761**, and if you desaturate by 10%, it is **18.1072, 0.5328, 0.3881**.

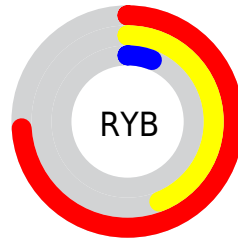
Distribution



Red (74%)

Green (30%)

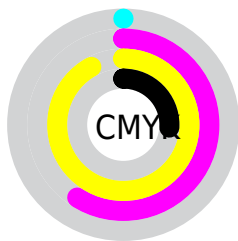
Blue (6%)



Red (74%)

Yellow (44%)

Blue (6%)

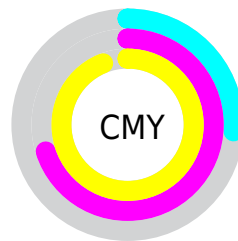


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (26%)



Cyan (26%)


Magenta (70%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.1611, 0.5621, 0.3829 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 16.1611, 0.5621, 0.3829 by changing the saturation by 10% instead.


 16.1611, 0.5621,
0.3829


 16.1611, 0.5621,
0.3829


230.2905, 0.4247,
0.3706


 9.6382, 0.5950,
0.3760


 36.8777, 0.5118,
0.3849


 5.1598, 0.6378,
0.3622

 51.8401, 0.4927,
0.3834


 2.3413, 0.6746,
0.3254

 70.3846, 0.4766,
0.3814

 0.7954, 0.7341,
0.2659

 92.8954, 0.4629,
0.3792

 0.0000, 1.0000,
0.0000


 119.7570, 0.4512,
0.3769


 0.0000, 0.0000,
0.0000

 151.3538, 0.4412,


0.3747

 188.0702, 0.4324,
0.3726


 16.1611, 0.5621,
0.3829


 16.1611, 0.5621,
0.3829

 14.8737, 0.5819,
0.3761

 18.1072, 0.5328,
0.3881

 20.4470, 0.4996,
0.3883

 23.2054, 0.4654,
0.3843

 26.4038, 0.4326,
0.3773

 30.0622, 0.4025,
0.3685

■ 34.1990, 0.3758,
0.3589

■ 38.8316, 0.3527,
0.3492

■ 43.9765, 0.3328,
0.3397

■ 49.6493, 0.3159,
0.3308

Harmonies

Analogous

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



16.1611, 0.5436, 0.3049



16.1611, 0.5621, 0.3829



16.1611, 0.4999, 0.4719

Triad

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



16.1611, 0.5621, 0.3829



16.1611, 0.1821, 0.4507



16.1611, 0.1888, 0.1525

Complementary

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



16.1611, 0.5621, 0.3829



18.9511, 0.1954, 0.2183

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.



16.1611, 0.1311, 0.1543



16.1611, 0.5621, 0.3829



16.1611, 0.1240, 0.2894

Square

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



16.1611, 0.5621, 0.3829



16.1611, 0.2834, 0.5745



16.1611, 0.1103, 0.1930



16.1611, 0.2932, 0.1802

Rectangle

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



16.1611, 0.5621, 0.3829



16.1611, 0.4339, 0.5328



16.1611, 0.1103, 0.1930



16.1611, 0.1648, 0.1497

Sweetspot

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



16.1620, 0.5621, 0.3829



64.1472, 0.3671, 0.3554



12.7206, 0.4221, 0.2143



13.0534, 0.3776, 0.3596



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.



16.1620, 0.5621, 0.3829



26.2322, 0.5847, 0.3740



37.0085, 0.4438, 0.4809



10.0778, 0.3280, 0.3372



10.1410, 0.5796, 0.3780



0.5223, 0.5333, 0.4147

Inverse Universe

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



18.9511, 0.1954, 0.2183



30.8836, 0.1905, 0.2057



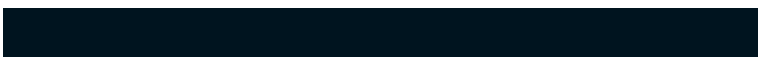
5.3689, 0.1586, 0.0836



10.2218, 0.2985, 0.3206



11.9270, 0.1915, 0.2094



0.5864, 0.2004, 0.2414

Previews

White Background



This preview shows how the Yxy color 16.1611, 0.5621, 0.3829 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 16.1611, 0.5621, 0.3829 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 16.1611, 0.5621, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 16.1611, 0.5621, 0.3829.



This preview shows how white text looks on a background with the Yxy color 16.1611, 0.5621, 0.3829.

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

16.1611, 0.5621, 0.3829

Protanopia

16.3925, 0.4296, 0.4748

Deuteranopia

16.2662, 0.4696, 0.4654



Tritanopia

16.2329, 0.5023, 0.3247

Trichromacy



Original Color

16.1611, 0.5621, 0.3829

Protanomaly

15.6525, 0.4832, 0.4379

Deuteranomaly

15.7476, 0.5076, 0.4319

Tritanomaly

16.1111, 0.5319, 0.3519

Monochromacy



Original Color

16.1611, 0.5621, 0.3829

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.5287, 0.4126, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.1611, 0.5621, 0.3829 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(189, 77, 15)` looks like.

```
.text, #text, p{  
    color:rgb(189, 77, 15)  
}
```

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(189, 77, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 77, 15) }
```

Border

The CSS property to change the border of an element to Yxy 16.1611, 0.5621, 0.3829 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(189, 77, 15) }
```

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

```
.border{ border-color:rgb(189, 77, 15) }
```

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

Here you see how a box with a 4 pixel rgb(189, 77, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 77, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 77, 15);  
box-shadow:4px 4px 4px 4px rgb(189, 77,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 16.1611, 0.5621, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 77, 15) }
```

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

```
.background{ background-color: rgb(189, 77,  
15) }
```

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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