

Converting Colors

$Yxy(15.6190, 0.5476, 0.3876)$

Have a look what the booklet for
Yxy(15.6190, 0.5476, 0.3876)
contains.

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Color

Yxy(15.6190, 0.5476, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	B55016
RGB	181, 80, 22
RGB Percent	71%, 31%, 9%
CMY	0.2903, 0.6862, 0.9137
CMYK	0.00, 0.56, 0.88, 0.29
HSL	22°, 78%, 40%
HSV	22°, 88%, 71%
XYZ	22.0665, 15.6190, 2.6112
YIQ	103.5870, 78.8140, 3.3740

Conversions

Conversions Part 2

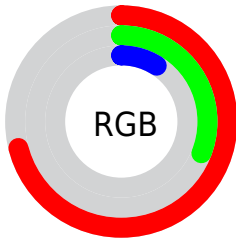
Format	Color
R_{YB}	181, 113, 22
Decimal	11882518
CIE Lab	46.47, 38.03, 50.03
CIE LCh	46, 62.848, 52.758
Yxy	15.6190, 0.5476, 0.3876
Android (android.graphics.Color)	4290072598 (0xFFB55016)
YUV	103.5870, -40.2224, 67.8912
Hunter-Lab	39.5209, 30.5039, 23.7472

Details

The Yxy color **15.6190, 0.5476, 0.3876** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17.6649, 0.1976, 0.2216**, and the grayscale version is **13.8229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0251, 0.4985, 0.3872**, and **4.9437, 0.6039, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **14.0284, 0.5737, 0.3801**, and if you desaturate by 10%, it is **17.5460, 0.5166, 0.3904**.

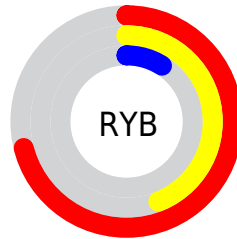
Distribution



Red (71%)

Green (31%)

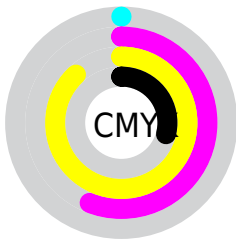
Blue (9%)



Red (71%)

Yellow (44%)

Blue (9%)

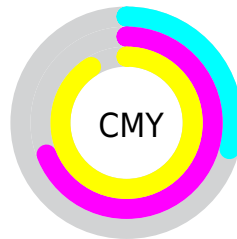


Cyan (0%)

Magenta (56%)

Yellow (88%)

Black (29%)



Cyan (29%)


Magenta (69%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6190, 0.5476, 0.3876 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 15.6190, 0.5476, 0.3876 by changing the saturation by 10% instead.


 15.6190, 0.5476,
0.3876

 15.6190, 0.5476,
0.3876


227.0829, 0.4163,
0.3699


 9.2550, 0.5800,
0.3828


 35.9355, 0.4986,
0.3867


 4.9079, 0.6261,
0.3739

 50.6567, 0.4803,
0.3844


 2.1933, 0.6616,
0.3384

 68.9325, 0.4650,
0.3819

 0.7163, 0.7226,
0.2774

 91.1472, 0.4521,
0.3792


 0.0000, 1.0000,
0.0000


 117.6851, 0.4411,
0.3767


 0.0000, 0.0000,
0.0000


 148.9308, 0.4317,

0.3743

 185.2686, 0.4234,
0.3720

 15.6190, 0.5476,
0.3876

 15.6190, 0.5476,
0.3876

 14.0284, 0.5737,
0.3801

 17.5460, 0.5166,
0.3904

 13.7229, 0.5791,
0.3784

 19.8314, 0.4832,
0.3884

 22.4959, 0.4498,
0.3827

 25.5578, 0.4185,
0.3746

 29.0337, 0.3902,
0.3652

■ 32.9393, 0.3653,
0.3553

■ 37.2896, 0.3438,
0.3454

■ 42.0985, 0.3253,
0.3360

■ 47.3794, 0.3095,
0.3271

Harmonies

Analogous

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



15.6190, 0.5312, 0.3114



15.6190, 0.5476, 0.3876



15.6190, 0.4895, 0.4721

Triad

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



15.6190, 0.5476, 0.3876



15.6190, 0.1878, 0.4353



15.6190, 0.1989, 0.1615

Complementary

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



15.6190, 0.5476, 0.3876



17.6649, 0.1976, 0.2216

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.



15.6190, 0.1412, 0.1625



15.6190, 0.5476, 0.3876



15.6190, 0.1326, 0.2886

Square

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



15.6190, 0.5476, 0.3876



15.6190, 0.2838, 0.5532



15.6190, 0.1199, 0.1991



15.6190, 0.3000, 0.1893

Rectangle

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



15.6190, 0.5476, 0.3876



15.6190, 0.4272, 0.5269



15.6190, 0.1199, 0.1991



15.6190, 0.1751, 0.1584

Sweetspot

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



15.6199, 0.5476, 0.3876



60.0524, 0.3621, 0.3539



11.8852, 0.4152, 0.2140



12.4380, 0.3700, 0.3573



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



15.6199, 0.5476, 0.3876



24.1874, 0.5820, 0.3761



34.0394, 0.4405, 0.4794



8.9962, 0.3278, 0.3374



9.5843, 0.5769, 0.3802



0.4151, 0.5235, 0.4225

Inverse Universe

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



17.6649, 0.1976, 0.2216



27.4673, 0.1897, 0.2029



5.4489, 0.1625, 0.0918



9.0996, 0.2986, 0.3205



10.8805, 0.1908, 0.2067



0.4487, 0.2013, 0.2448

Previews

White Background



This preview shows how the Yxy color 15.6190, 0.5476, 0.3876 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 15.6190, 0.5476, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

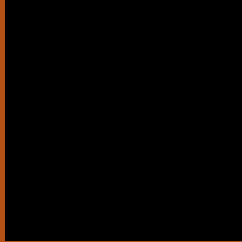
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6190, 0.5476, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 15.6190, 0.5476, 0.3876.



This preview shows how white text looks on a background with the Yxy color 15.6190, 0.5476, 0.3876.

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

15.6190, 0.5476, 0.3876

Protanopia

15.7477, 0.4248, 0.4701

Deuteranopia

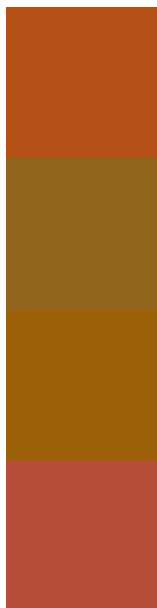
15.6786, 0.4703, 0.4648



Tritanopia

15.6786, 0.4839, 0.3229

Trichromacy



Original Color

15.6190, 0.5476, 0.3876

Protanomaly

15.2132, 0.4728, 0.4378

Deuteranomaly

15.3518, 0.5019, 0.4342

Tritanomaly

15.5686, 0.5138, 0.3519

Monochromacy



Original Color

15.6190, 0.5476, 0.3876

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.5844, 0.4040, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6190, 0.5476, 0.3876 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(181, 80, 22)` looks like.

```
.text, #text, p{  
  color:rgb(181, 80, 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(181, 80, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 80, 22) }
```

Border

The CSS property to change the border of an element to Yxy 15.6190, 0.5476, 0.3876 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(181, 80, 22) }
```

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

```
.border{ border-color:rgb(181, 80, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 80, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 80, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 80, 22);  
box-shadow:4px 4px 4px 4px rgb(181, 80,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6190, 0.5476, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 80, 22) }
```

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

```
.background{ background-color: rgb(181, 80,  
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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