

Converting Colors

$Y_{xy}(16.1992, 0.5520, 0.3877)$

Have a look what the booklet for
Yxy(16.1992, 0.5520, 0.3877)
contains.

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Color

$Y_{xy}(16.2462, 0.5512, 0.3882)$

Conversions

Conversions Part 1

Format	Color
Hex	B95113
RGB	185, 81, 19
RGB Percent	73%, 32%, 7%
CMY	0.2745, 0.6823, 0.9255
CMYK	0.00, 0.56, 0.90, 0.27
HSL	22°, 81%, 40%
HSV	22°, 90%, 73%
XYZ	23.0678, 16.2462, 2.5361
YIQ	105.0280, 81.8860, 2.7660

Conversions

Conversions Part 2

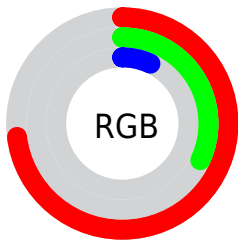
Format	Color
R _Y B	185, 118, 19
Decimal	12144915
CIE Lab	47.30, 39.06, 52.01
CIE LCh	47, 65.045, 53.097
Yxy	16.2462, 0.5512, 0.3882
Android (android.graphics.Color)	4290334995 (0xFFB95113)
YUV	105.0280, -42.4118, 70.1354
Hunter-Lab	40.3066, 31.6204, 24.4840

Details

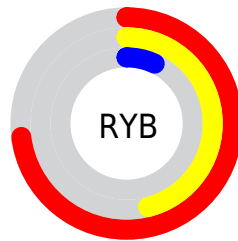
The Yxy color **16.2462, 0.5512, 0.3882** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17.8064, 0.1955, 0.2161**, and the grayscale version is **14.2359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9914, 0.5023, 0.3883**, and **5.2136, 0.6039, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **14.6231, 0.5764, 0.3803**, and if you desaturate by 10%, it is **18.2090, 0.5214, 0.3919**.

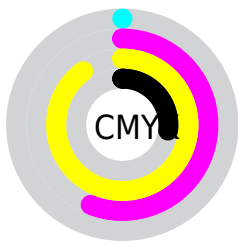
Distribution



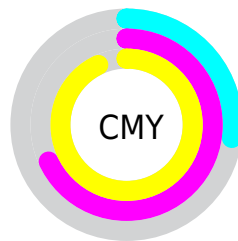
- Red (73%)
- Green (32%)
- Blue (7%)



- Red (73%)
- Yellow (46%)
- Blue (7%)



- Cyan (0%)
- Magenta (56%)
- Yellow (90%)
- Black (27%)




- Cyan (27%)
- Magenta (68%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.2462, 0.5512, 0.3882 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 16.2462, 0.5512, 0.3882 by changing the saturation by 10% instead.


 16.2462, 0.5512,
0.3882


 16.2462, 0.5512,
0.3882


230.7901, 0.4192,
0.3713


 9.6985, 0.5831,
0.3830


 37.0251, 0.5025,
0.3879


 5.1995, 0.6270,
0.3730

 52.0251, 0.4842,
0.3857


 2.3648, 0.6618,
0.3382

 70.6114, 0.4687,
0.3832


 0.8077, 0.7186,
0.2814

 93.1683, 0.4557,
0.3806

 0.0000, 1.0000,
0.0000

 120.0802, 0.4445,
0.3781


 0.0000, 0.0000,
0.0000


 151.7316, 0.4349,

0.3757


 188.5067, 0.4266,
0.3734

 16.2462, 0.5512,
0.3882

 16.2462, 0.5512,
0.3882


 14.6231, 0.5764,
0.3803


 18.2090, 0.5214,
0.3919

 14.5831, 0.5770,
0.3800

 20.5380, 0.4886,
0.3906

 23.2547, 0.4554,
0.3854

 26.3781, 0.4238,
0.3774

 29.9255, 0.3951,
0.3680

■ 33.9133, 0.3697,
0.3579

■ 38.3568, 0.3476,
0.3477

■ 43.2705, 0.3286,
0.3380

■ 48.6683, 0.3123,
0.3288

Harmonies

Analogous

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



16.2462, 0.5363, 0.3113



16.2462, 0.5512, 0.3882



16.2462, 0.4906, 0.4742

Triad

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



16.2462, 0.5512, 0.3882



16.2462, 0.1843, 0.4359



16.2462, 0.1978, 0.1591

Complementary

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



16.2462, 0.5512, 0.3882



17.8064, 0.1955, 0.2161

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.



16.2462, 0.1391, 0.1597



16.2462, 0.5512, 0.3882



16.2462, 0.1293, 0.2859

Square

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



16.2462, 0.5512, 0.3882



16.2462, 0.2812, 0.5580



16.2462, 0.1172, 0.1959



16.2462, 0.3010, 0.1876

Rectangle

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



16.2462, 0.5512, 0.3882



16.2462, 0.4268, 0.5305



16.2462, 0.1172, 0.1959



16.2462, 0.1736, 0.1560

Sweetspot

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



16.2471, 0.5512, 0.3882



62.4853, 0.3643, 0.3555



12.2388, 0.4240, 0.2172



12.9175, 0.3723, 0.3590



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.



16.2471, 0.5512, 0.3882



25.7066, 0.5798, 0.3778



36.5087, 0.4390, 0.4828



9.5471, 0.3279, 0.3376



10.0594, 0.5747, 0.3818



0.4751, 0.5259, 0.4206

Inverse Universe

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



17.8064, 0.1955, 0.2161



28.1396, 0.1888, 0.1996



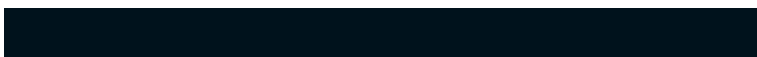
5.2365, 0.1599, 0.0852



9.6315, 0.2985, 0.3203



11.0177, 0.1899, 0.2035



0.5030, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 16.2462, 0.5512, 0.3882 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 16.2462, 0.5512, 0.3882 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 16.2462, 0.5512, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 16.2462, 0.5512, 0.3882.



This preview shows how white text looks on a background with the Yxy color 16.2462, 0.5512, 0.3882.

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

16.2462, 0.5512, 0.3882

Protanopia

16.4014, 0.4284, 0.4730

Deuteranopia

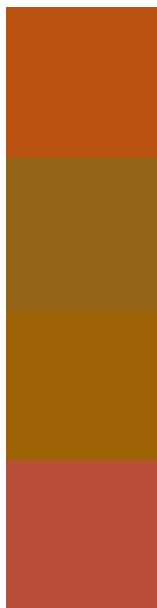
16.3550, 0.4709, 0.4643



Tritanopia

16.3129, 0.4877, 0.3244

Trichromacy



Original Color

16.2462, 0.5512, 0.3882

Protanomaly

15.6692, 0.4772, 0.4390

Deuteranomaly

16.0198, 0.5023, 0.4348

Tritanomaly

16.1934, 0.5182, 0.3535

Monochromacy



Original Color

16.2462, 0.5512, 0.3882

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.9285, 0.4062, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2462, 0.5512, 0.3882 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, 81, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 81, 19)  
}
```

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, 81, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 81, 19) }
```

Border

The CSS property to change the border of an element to Yxy 16.2462, 0.5512, 0.3882 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, 81, 19) }
```

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

```
.border{ border-color:rgb(185, 81, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 81, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 81, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 81, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 81,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2462, 0.5512, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 81, 19) }
```

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

```
.background{ background-color: rgb(185, 81,  
19) }
```

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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