

Converting Colors

$Y_{xy}(14.6355, 0.5181, 0.4015)$

Have a look what the booklet for
Yxy(14.6355, 0.5181, 0.4015)
contains.

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Color

Yxy(14.6319, 0.5177, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	A4561C
RGB	164, 86, 28
RGB Percent	64%, 34%, 11%
CMY	0.3568, 0.6627, 0.8903
CMYK	0.00, 0.48, 0.83, 0.36
HSL	26°, 71%, 38%
HSV	26°, 83%, 64%
XYZ	18.8478, 14.6319, 2.9271
YIQ	102.7100, 65.1060, -1.5020

Conversions

Conversions Part 2

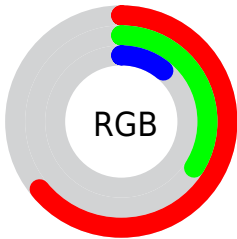
Format	Color
RYB	164, 129, 28
Decimal	10769948
CIELab	45.13, 28.10, 45.48
CIElCh	45, 53.456, 58.290
Yxy	14.6319, 0.5177, 0.4019
Android (android.graphics.Color)	4288960028 (0xFFA4561C)
YUV	102.7100, -36.8320, 53.7513
Hunter-Lab	38.2517, 21.0122, 22.2392

Details

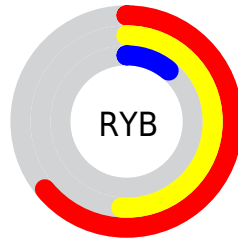
The Yxy color **14.6319, 0.5177, 0.4019** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **13.2284, 0.1970, 0.2114**, and the grayscale version is **13.5686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2744, 0.4728, 0.3950**, and **4.4504, 0.5723, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **13.1703, 0.5439, 0.3979**, and if you desaturate by 10%, it is **16.3354, 0.4883, 0.4008**.

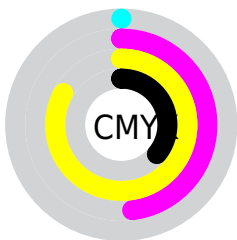
Distribution



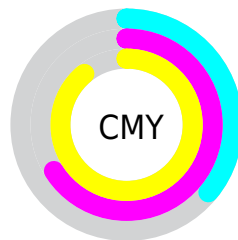
- Red (64%)
- Green (34%)
- Blue (11%)



- Red (64%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)
- Black (36%)





- Cyan (36%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6319, 0.5177, 0.4019 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 14.6319, 0.5177, 0.4019 by changing the saturation by 10% instead.


 14.6319, 0.5177,
0.4019


 14.6319, 0.5177,
0.4019


221.1273, 0.4009,
0.3716


 8.5615, 0.5480,
0.4023


 34.2061, 0.4731,
0.3948


 4.4563, 0.5964,
0.4036

 48.4787, 0.4568,
0.3906


 1.9319, 0.6271,
0.3729

 66.2541, 0.4433,
0.3867

 0.5675, 0.6939,
0.3061

 87.9167, 0.4320,
0.3830


 0.0000, 1.0000,
0.0000


 113.8509, 0.4224,
0.3797


 0.0000, 0.0000,
0.0000


 144.4412, 0.4142,

0.3767


 180.0718, 0.4071,
0.3740


 14.6319, 0.5177,
0.4019


 14.6319, 0.5177,
0.4019


 13.1703, 0.5439,
0.3979


 16.3354, 0.4883,
0.4008

 12.2694, 0.5606,
0.3931

 18.2919, 0.4578,
0.3954

 20.5141, 0.4280,
0.3869

 23.0131, 0.4004,
0.3765

 25.7990, 0.3754,
0.3652

■ 28.8816, 0.3532,
0.3538

■ 32.2701, 0.3339,
0.3426

■ 35.9732, 0.3172,
0.3320

■ 39.9993, 0.3028,
0.3221

Harmonies

Analogous

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



14.6319, 0.5130, 0.3296



14.6319, 0.5177, 0.4019



14.6319, 0.4612, 0.4766

Triad

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



14.6319, 0.5177, 0.4019



14.6319, 0.1910, 0.3966



14.6319, 0.2256, 0.1802

Complementary

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



14.6319, 0.5177, 0.4019



13.2284, 0.1970, 0.2114

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.



14.6319, 0.1649, 0.1767



14.6319, 0.5177, 0.4019



14.6319, 0.1461, 0.2774

Square

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



14.6319, 0.5177, 0.4019



14.6319, 0.2736, 0.5082



14.6319, 0.1391, 0.2053



14.6319, 0.3230, 0.2107

Rectangle

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



14.6319, 0.5177, 0.4019



14.6319, 0.4039, 0.5176



14.6319, 0.1391, 0.2053



14.6319, 0.2012, 0.1759

Sweetspot

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



14.6327, 0.5177, 0.4019



50.9588, 0.3585, 0.3567



9.7903, 0.4268, 0.2271



10.7307, 0.3658, 0.3605



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.6327, 0.5177, 0.4019



21.8738, 0.5637, 0.3906



30.6510, 0.4256, 0.4857



7.5596, 0.3275, 0.3386



9.4978, 0.5590, 0.3944



0.2925, 0.4983, 0.4425

Inverse Universe

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



13.2284, 0.1970, 0.2114



18.9862, 0.1838, 0.1815



4.3978, 0.1653, 0.0919



7.5025, 0.2987, 0.3192



8.2940, 0.1849, 0.1858



0.2654, 0.2010, 0.2435

Previews

White Background



This preview shows how the Yxy color 14.6319, 0.5177, 0.4019 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 14.6319, 0.5177, 0.4019 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 14.6319, 0.5177, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 14.6319, 0.5177, 0.4019.



This preview shows how white text looks on a background with the Yxy color 14.6319, 0.5177, 0.4019.

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

14.6319, 0.5177, 0.4019

Protanopia

14.8337, 0.4200, 0.4650

Deuteranopia

14.7078, 0.4599, 0.4546



Tritanopia

14.6247, 0.4487, 0.3203

Trichromacy



Original Color

14.6319, 0.5177, 0.4019

Protanomaly

14.4529, 0.4566, 0.4408

Deuteranomaly

14.5427, 0.4827, 0.4333

Tritanomaly

14.5232, 0.4806, 0.3543

Monochromacy



Original Color

14.6319, 0.5177, 0.4019

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.4312, 0.3882, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6319, 0.5177, 0.4019 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(164, 86, 28)` looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 28)  
}
```

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(164, 86, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 28) }
```

Border

The CSS property to change the border of an element to Yxy 14.6319, 0.5177, 0.4019 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(164, 86, 28) }
```

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

```
.border{ border-color:rgb(164, 86, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 86, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 28);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6319, 0.5177, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 28) }
```

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

```
.background{ background-color: rgb(164, 86,  
28) }
```

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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