

Converting Colors

$Y_{xy}(15.4340, 0.6060, 0.3570)$

Have a look what the booklet for
Yxy(15.4340, 0.6060, 0.3570)
contains.

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Color

Yxy(15.4757, 0.6055, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	CC3600
RGB	204, 54, 0
RGB Percent	80%, 21%, 0%
CMY	0.2001, 0.7881, 0.9998
CMYK	0.00, 0.74, 1.00, 0.20
HSL	16°, 100%, 40%
HSV	16°, 100%, 80%
XYZ	26.2186, 15.4757, 1.6065
YIQ	92.6940, 106.7340, 15.0060

Conversions

Conversions Part 2

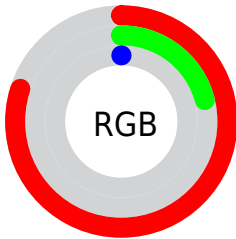
Format	Color
RYB	204, 73, 0
Decimal	13383168
CIELab	46.28, 57.04, 58.32
CIELCh	46, 81.579, 45.639
Yxy	15.4757, 0.6055, 0.3574
Android (android.graphics.Color)	4291573248 (0xFFCC3600)
YUV	92.6940, -45.6981, 97.6154
Hunter-Lab	39.3392, 50.1225, 25.1162

Details

The Yxy color **15.4757, 0.6055, 0.3574** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **26.1727, 0.2000, 0.2401**, and the grayscale version is **10.9654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9243, 0.5398, 0.3729**, and **5.5754, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.4735, 0.6055, 0.3574**, and if you desaturate by 10%, it is **17.1473, 0.5795, 0.3659**.

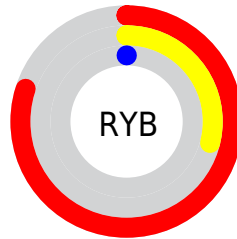
Distribution



Red (80%)

Green (21%)

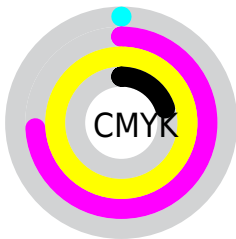
Blue (0%)



Red (80%)

Yellow (29%)

Blue (0%)

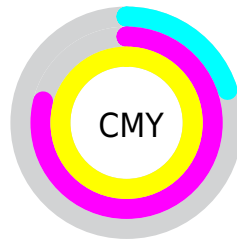


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4757, 0.6055, 0.3574 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 15.4757, 0.6055, 0.3574 by changing the saturation by 10% instead.


 15.4757, 0.6055,
0.3574

 15.4757, 0.6055,
0.3574

 226.2277, 0.4466,
0.3659


 9.1539, 0.6444,
0.3445


 35.6856, 0.5488,
0.3691


 4.8417, 0.6827,
0.3173


 50.3424, 0.5267,
0.3707


 2.1547, 0.7271,
0.2729


 68.5465, 0.5079,
0.3710

 0.6951, 0.7969,
0.2031

 90.6820, 0.4919,
0.3705


 0.0000, 1.0000,
0.0000

 117.1336, 0.4781,
0.3696

 0.0000, 0.0000,
0.0000


 148.2854, 0.4662,


0.3684

 184.5220, 0.4557,
0.3672


 15.4757, 0.6055,
0.3574

 15.4757, 0.6055,
0.3574


 15.4735, 0.6055,
0.3574

 17.1473, 0.5795,
0.3659

 19.3394, 0.5462,
0.3710

 22.1037, 0.5083,
0.3719

 25.4796, 0.4698,
0.3691

 29.5025, 0.4336,
0.3639

■ 34.2051, 0.4012,
0.3572

■ 39.6177, 0.3732,
0.3500

■ 45.7687, 0.3494,
0.3426

■ 52.6848, 0.3294,
0.3356

Harmonies

Analogous

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



15.4757, 0.5702, 0.2777



15.4757, 0.6055, 0.3574



15.4757, 0.5409, 0.4576

Triad

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



15.4757, 0.6055, 0.3574



15.4757, 0.1743, 0.5219



15.4757, 0.1532, 0.1273

Complementary

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



15.4757, 0.6055, 0.3574



26.1727, 0.2000, 0.2401

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.



15.4757, 0.1009, 0.1343



15.4757, 0.6055, 0.3574



15.4757, 0.1038, 0.3086

Square

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



15.4757, 0.6055, 0.3574



15.4757, 0.2907, 0.6378



15.4757, 0.0849, 0.1830



15.4757, 0.2588, 0.1510

Rectangle

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



15.4757, 0.6055, 0.3574



15.4757, 0.4646, 0.5354



15.4757, 0.0849, 0.1830



15.4757, 0.1308, 0.1260

Sweetspot

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



15.4766, 0.6055, 0.3574



65.2263, 0.3742, 0.3503



15.1364, 0.3969, 0.1960



13.1146, 0.3858, 0.3534



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



15.4766, 0.6055, 0.3574



25.3340, 0.6077, 0.3557



35.6184, 0.4721, 0.4633



11.6886, 0.3284, 0.3352



9.8721, 0.6031, 0.3593



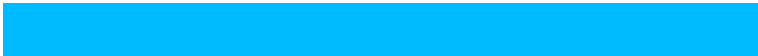
0.6366, 0.5636, 0.3907

Inverse Universe

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



26.1727, 0.2000, 0.2401



42.9732, 0.1997, 0.2389



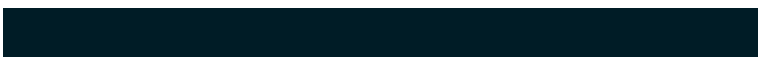
6.7296, 0.1578, 0.0879



12.2050, 0.2983, 0.3227



16.6324, 0.2004, 0.2415



0.9780, 0.2057, 0.2606

Previews

White Background



This preview shows how the Yxy color 15.4757, 0.6055, 0.3574 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 15.4757, 0.6055, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

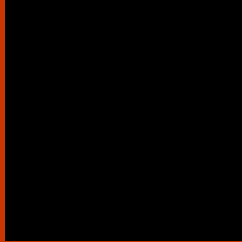
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4757, 0.6055, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 15.4757, 0.6055, 0.3574.



This preview shows how white text looks on a background with the Yxy color 15.4757, 0.6055, 0.3574.

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

15.4757, 0.6055, 0.3574

Protanopia

15.7158, 0.4293, 0.4767

Deuteranopia

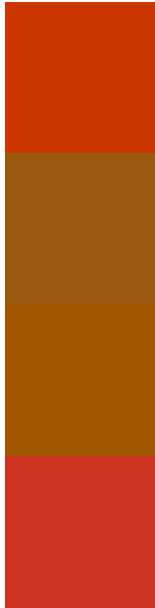
15.5921, 0.4690, 0.4658



Tritanopia

15.5083, 0.5699, 0.3281

Trichromacy



Original Color

15.4757, 0.6055, 0.3574

Protanomaly

14.1191, 0.5071, 0.4242

Deuteranomaly

14.4421, 0.5313, 0.4163

Tritanomaly

15.4566, 0.5904, 0.3426

Monochromacy



Original Color

15.4757, 0.6055, 0.3574

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.8943, 0.4465, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4757, 0.6055, 0.3574 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(204, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 54, 0)  
}
```

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(204, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 54, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.4757, 0.6055, 0.3574 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(204, 54, 0) }
```

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

```
.border{ border-color:rgb(204, 54, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 54, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 54, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.4757, 0.6055, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 54, 0) }
```

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

```
.background{ background-color: rgb(204, 54,  
0) }
```

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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