

Converting Colors

$Y_{xy}(15.5155, 0.5911, 0.3689)$

Have a look what the booklet for
Yxy(15.5155, 0.5911, 0.3689)
contains.

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Color

Yxy(15.5371, 0.5907, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	C54000
RGB	197, 64, 0
RGB Percent	77%, 25%, 0%
CMY	0.2275, 0.7490, 1.0000
CMYK	0.00, 0.68, 1.00, 0.23
HSL	19°, 100%, 39%
HSV	19°, 100%, 77%
XYZ	24.8585, 15.5371, 1.6875
YIQ	96.4710, 99.8120, 8.2920

Conversions

Conversions Part 2

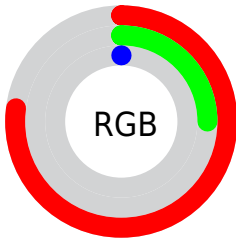
Format	Color
RYB	197, 95, 0
Decimal	12926976
CIELab	46.36, 50.96, 57.65
CIElCh	46, 76.945, 48.530
Yxy	15.5371, 0.5907, 0.3692
Android (android.graphics.Color)	4291117056 (0xFFC54000)
YUV	96.4710, -47.5602, 88.1639
Hunter-Lab	39.4171, 43.5915, 25.0537

Details

The Yxy color **15.5371, 0.5907, 0.3692** 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 **20.8012, 0.1941, 0.2187**, and the grayscale version is **11.9195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5224, 0.5321, 0.3789**, and **5.0683, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.5381, 0.5907, 0.3692**, and if you desaturate by 10%, it is **17.2707, 0.5649, 0.3778**.

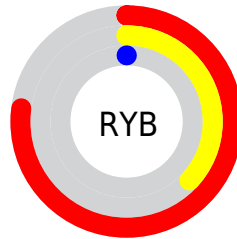
Distribution



Red (77%)

Green (25%)

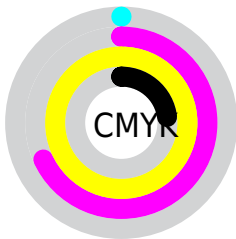
Blue (0%)



Red (77%)

Yellow (37%)

Blue (0%)

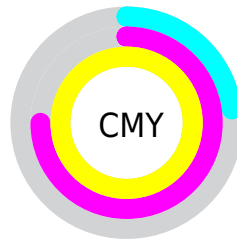


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5371, 0.5907, 0.3692 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 15.5371, 0.5907, 0.3692 by changing the saturation by 10% instead.


 15.5371, 0.5907,
0.3692


 15.5371, 0.5907,
0.3692


 226.5945, 0.4393,
0.3694


 9.1972, 0.6277,
0.3586


 35.7927, 0.5364,
0.3774


 4.8700, 0.6654,
0.3346

 50.4772, 0.5154,
0.3778


 2.1712, 0.7075,
0.2925

 68.7120, 0.4975,
0.3771

 0.7042, 0.7755,
0.2245

 90.8815, 0.4823,
0.3759

 0.0000, 1.0000,
0.0000


 117.3701, 0.4692,
0.3743


 0.0000, 0.0000,
0.0000


 148.5622, 0.4579,

0.3727


 184.8422, 0.4480,
0.3710


 15.5371, 0.5907,
0.3692


 15.5371, 0.5907,
0.3692


 15.5381, 0.5907,
0.3692

 17.2707, 0.5649,
0.3778

 19.4346, 0.5334,
0.3824

 22.0688, 0.4982,
0.3823

 25.2021, 0.4626,
0.3783

 28.8610, 0.4288,
0.3716

■ 33.0694, 0.3984,
0.3634

■ 37.8500, 0.3717,
0.3546

■ 43.2240, 0.3488,
0.3457

■ 49.2115, 0.3292,
0.3371

Harmonies

Analogous

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



15.5371, 0.5653, 0.2894



15.5371, 0.5907, 0.3692



15.5371, 0.5238, 0.4667

Triad

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



15.5371, 0.5907, 0.3692



15.5371, 0.1734, 0.4900



15.5371, 0.1672, 0.1354

Complementary

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



15.5371, 0.5907, 0.3692



20.8012, 0.1941, 0.2187

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.



15.5371, 0.1114, 0.1397



15.5371, 0.5907, 0.3692



15.5371, 0.1087, 0.2958

Square

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



15.5371, 0.5907, 0.3692



15.5371, 0.2845, 0.6176



15.5371, 0.0928, 0.1834



15.5371, 0.2751, 0.1616

Rectangle

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



15.5371, 0.5907, 0.3692



15.5371, 0.4506, 0.5400



15.5371, 0.0928, 0.1834



15.5371, 0.1436, 0.1333

Sweetspot

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



15.5381, 0.5907, 0.3692



67.3759, 0.3728, 0.3550



13.6082, 0.4215, 0.2095



13.6137, 0.3839, 0.3588



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.



15.5381, 0.5907, 0.3692



27.4254, 0.5933, 0.3671



37.3176, 0.4561, 0.4761



11.1904, 0.3282, 0.3366



10.3568, 0.5883, 0.3711



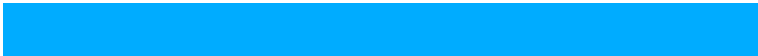
0.6231, 0.5470, 0.4039

Inverse Universe

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



20.8012, 0.1941, 0.2187



36.7776, 0.1936, 0.2169



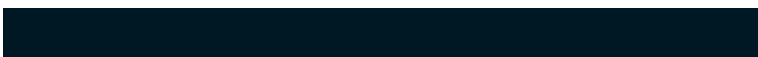
5.2998, 0.1546, 0.0765



11.4641, 0.2984, 0.3213



13.8397, 0.1945, 0.2203



0.7829, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 15.5371, 0.5907, 0.3692 looks on a white background.

Color Contrast Check

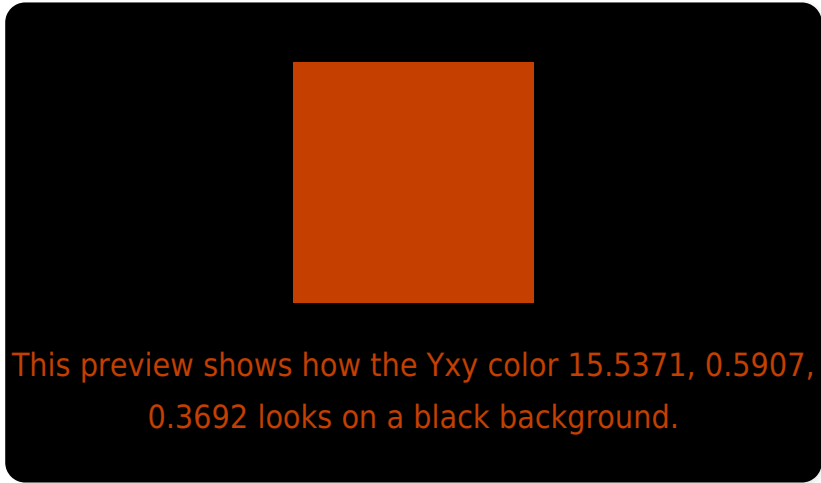
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.5371, 0.5907, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 15.5371, 0.5907, 0.3692.



This preview shows how white text looks on a background with the Yxy color 15.5371, 0.5907, 0.3692.

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

15.5371, 0.5907, 0.3692

Protanopia

15.7830, 0.4318, 0.4774

Deuteranopia

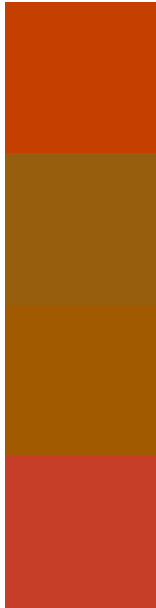
15.6786, 0.4703, 0.4648



Tritanopia

15.5964, 0.5403, 0.3266

Trichromacy



Original Color

15.5371, 0.5907, 0.3692

Protanomaly

14.6138, 0.4987, 0.4328

Deuteranomaly

14.8894, 0.5222, 0.4236

Tritanomaly

15.4965, 0.5694, 0.3482

Monochromacy



Original Color

15.5371, 0.5907, 0.3692

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.6641, 0.4373, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5371, 0.5907, 0.3692 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(197, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 64, 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(197, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 64, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.5371, 0.5907, 0.3692 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(197, 64, 0) }
```

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

```
.border{ border-color:rgb(197, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(197, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 64, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 64, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 64, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.5371, 0.5907, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 64, 0) }
```

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

```
.background{ background-color: rgb(197, 64,  
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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