

Converting Colors

$Yxy(15.0707, 0.5840, 0.4160)$

Have a look what the booklet for
Yxy(15.0707, 0.5840, 0.4160)
contains.

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Color

$Y_{xy}(15.2953, 0.5582, 0.3950)$

Conversions

Conversions Part 1

Format	Color
Hex	B44F00
RGB	180, 79, 0
RGB Percent	71%, 31%, 0%
CMY	0.2942, 0.6901, 1.0000
CMYK	0.00, 0.56, 1.00, 0.29
HSL	26°, 100%, 35%
HSV	26°, 100%, 71%
XYZ	21.6148, 15.2953, 1.8122
YIQ	100.1930, 85.5550, -3.1570

Conversions

Conversions Part 2

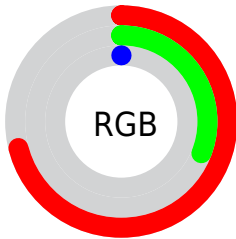
Format	Color
R_{YB}	180, 141, 0
Decimal	11816704
CIE Lab	46.04, 37.80, 55.89
CIE LCh	46, 67.474, 55.934
Yxy	15.2953, 0.5582, 0.3950
Android (android.graphics.Color)	4290006784 (0xFFB44F00)
YUV	100.1930, -49.3951, 69.9907
Hunter-Lab	39.1092, 30.2118, 24.6291

Details

The Yxy color **15.2953, 0.5582, 0.3950** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.5931, 0.1830, 0.1789**, and the grayscale version is **12.9101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4256, 0.5085, 0.3957**, and **4.7524, 0.6046, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **15.2962, 0.5582, 0.3950**, and if you desaturate by 10%, it is **16.9091, 0.5351, 0.4019**.

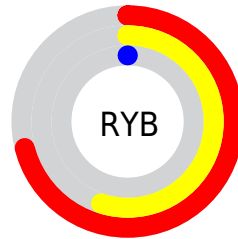
Distribution



Red (71%)

Green (31%)

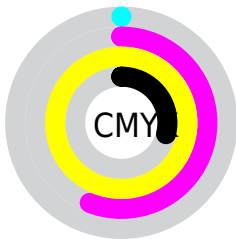
Blue (0%)



Red (71%)

Yellow (55%)

Blue (0%)

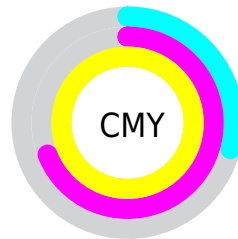


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2953, 0.5582, 0.3950 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 15.2953, 0.5582, 0.3950 by changing the saturation by 10% instead.


 15.2953, 0.5582,
0.3950


 15.2953, 0.5582,
0.3950


 225.1467, 0.4236,
0.3767


 9.0269, 0.5913,
0.3899


 35.3704, 0.5095,
0.3953


 4.7587, 0.6266,
0.3734

 49.9459, 0.4907,
0.3930


 2.1064, 0.6626,
0.3374

 68.0592, 0.4749,
0.3902

 0.6682, 0.7271,
0.2729

 90.0947, 0.4614,
0.3872

 0.0000, 1.0000,
0.0000

 116.4368, 0.4499,
0.3844

 0.0000, 0.0000,
0.0000

 147.4699, 0.4399,


0.3816


 183.5784, 0.4312,
0.3791


 15.2953, 0.5582,
0.3950


 15.2953, 0.5582,
0.3950


 15.2962, 0.5582,
0.3950

 16.9091, 0.5351,
0.4019

 18.7926, 0.5083,
0.4045

 20.9707, 0.4789,
0.4019

 23.4591, 0.4488,
0.3953

 26.2718, 0.4197,
0.3859

■ 29.4219, 0.3929,
0.3748

■ 32.9215, 0.3687,
0.3630

■ 36.7821, 0.3474,
0.3512

■ 41.0146, 0.3288,
0.3398

Harmonies

Analogous

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



15.2953, 0.5540, 0.3156



15.2953, 0.5582, 0.3950



15.2953, 0.4872, 0.4860

Triad

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



15.2953, 0.5582, 0.3950



15.2953, 0.1697, 0.4260



15.2953, 0.2004, 0.1540

Complementary

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



15.2953, 0.5582, 0.3950



12.5931, 0.1830, 0.1789

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.



15.2953, 0.1362, 0.1513



15.2953, 0.5582, 0.3950



15.2953, 0.1187, 0.2702

Square

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



15.2953, 0.5582, 0.3950



15.2953, 0.2665, 0.5667



15.2953, 0.1105, 0.1837



15.2953, 0.3123, 0.1859

Rectangle

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



15.2953, 0.5582, 0.3950



15.2953, 0.4182, 0.5457



15.2953, 0.1105, 0.1837



15.2953, 0.1740, 0.1498

Sweetspot

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



15.2962, 0.5582, 0.3950



59.3673, 0.3699, 0.3636



10.6599, 0.4675, 0.2349



12.2485, 0.3796, 0.3685



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.



15.2962, 0.5582, 0.3950



27.2959, 0.5609, 0.3928



37.6989, 0.4314, 0.4956



9.0988, 0.3276, 0.3390



10.8078, 0.5561, 0.3966



0.4570, 0.5087, 0.4343

Inverse Universe

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



12.5931, 0.1830, 0.1789



22.3676, 0.1823, 0.1763



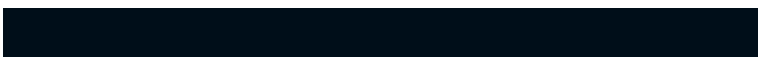
3.5573, 0.1512, 0.0643



8.9944, 0.2985, 0.3188



8.9271, 0.1836, 0.1808



0.3947, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 15.2953, 0.5582, 0.3950 looks on a white background.

Color Contrast Check

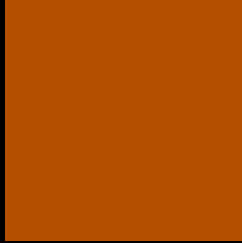
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2953, 0.5582, 0.3950 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 15.2953, 0.5582, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 15.2953, 0.5582, 0.3950.



This preview shows how white text looks on a background with the Yxy color 15.2953, 0.5582, 0.3950.

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

15.2953, 0.5582, 0.3950

Protanopia

15.4774, 0.4338, 0.4800

Tritanopia

15.3927, 0.4870, 0.3243

Trichromacy



Original Color

15.2953, 0.5582, 0.3950

Protanomaly

14.8771, 0.4820, 0.4475

Tritanomaly

15.2229, 0.5261, 0.3605

Monochromacy



Original Color

15.2953, 0.5582, 0.3950

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.6916, 0.4175, 0.3838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2953, 0.5582, 0.3950 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(180, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 79, 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(180, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 79, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.2953, 0.5582, 0.3950 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(180, 79, 0) }
```

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

```
.border{ border-color:rgb(180, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(180, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 15.2953, 0.5582, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 79, 0) }
```

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

```
.background{ background-color: rgb(180, 79,  
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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