

Converting Colors

$Y_{xy}(11.3630, 0.5780, 0.3793)$

Have a look what the booklet for
Yxy(11.3630, 0.5780, 0.3793)
contains.

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Color

Yxy(11.3387, 0.5789, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	A63C00
RGB	166, 60, 0
RGB Percent	65%, 24%, 0%
CMY	0.3490, 0.7647, 0.9998
CMYK	0.00, 0.64, 1.00, 0.35
HSL	22°, 100%, 33%
HSV	22°, 100%, 65%
XYZ	17.3421, 11.3387, 1.2762
YIQ	84.8540, 82.4360, 3.8120

Conversions

Conversions Part 2

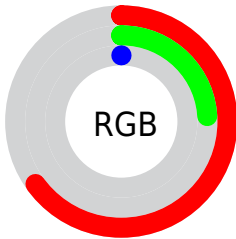
Format	Color
R_{YB}	166, 94, 0
Decimal	10894336
CIE _{Lab}	40.15, 41.58, 51.37
CIE _{LCh}	40, 66.094, 51.010
Yxy	11.3387, 0.5789, 0.3785
Android (android.graphics.Color)	4289084416 (0xFFA63C00)
YUV	84.8540, -41.8330, 71.1650
Hunter-Lab	33.6730, 33.0023, 21.3241

Details

The Yxy color **11.3387, 0.5789, 0.3785** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.0725, 0.1909, 0.2072**, and the grayscale version is **9.1303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3487, 0.5215, 0.3844**, and **3.0642, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.3353, 0.5790, 0.3785**, and if you desaturate by 10%, it is **12.6032, 0.5529, 0.3860**.

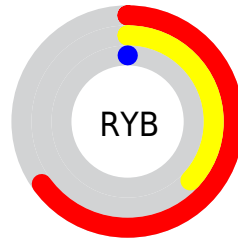
Distribution



Red (65%)

Green (24%)

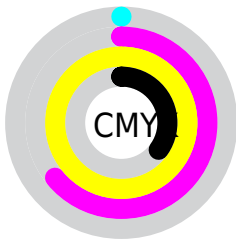
Blue (0%)



Red (65%)

Yellow (37%)

Blue (0%)

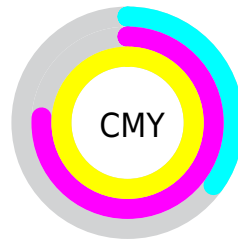


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3387, 0.5789, 0.3785 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 11.3387, 0.5789, 0.3785 by changing the saturation by 10% instead.


 11.3387, 0.5789,
0.3785


 11.3387, 0.5789,
0.3785


 199.9767, 0.4263,
0.3703


 6.2951, 0.6253,
0.3722


 28.2848, 0.5219,
0.3839


 3.0254, 0.6590,
0.3410

 40.9561, 0.5004,
0.3829

 1.1450, 0.7092,
0.2908

 56.9388, 0.4826,
0.3811

 0.0161, 0.9849,
0.0151


 76.6173, 0.4675,
0.3789


 0.0000, 0.0000,
0.0000


 100.3759, 0.4548,
0.3766


 128.5991, 0.4439,


0.3744


 161.6712, 0.4345,
0.3723

 11.3387, 0.5789,
0.3785

 11.3387, 0.5789,
0.3785

 11.3353, 0.5790,
0.3785

 12.6032, 0.5529,
0.3860

 14.1346, 0.5226,
0.3896

 15.9583, 0.4894,
0.3884

 18.0908, 0.4559,
0.3834

 20.5474, 0.4242,
0.3758

■ 23.3418, 0.3954,
0.3667

■ 26.4871, 0.3699,
0.3569

■ 29.9956, 0.3478,
0.3472

■ 33.8789, 0.3289,
0.3378

Harmonies

Analogous

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



11.3387, 0.5612, 0.2987



11.3387, 0.5789, 0.3785



11.3387, 0.5126, 0.4758

Triad

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



11.3387, 0.5789, 0.3785



11.3387, 0.1724, 0.4659



11.3387, 0.1787, 0.1421

Complementary

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



11.3387, 0.5789, 0.3785



13.0725, 0.1909, 0.2072

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.



11.3387, 0.1201, 0.1440



11.3387, 0.5789, 0.3785



11.3387, 0.1125, 0.2863

Square

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



11.3387, 0.5789, 0.3785



11.3387, 0.2787, 0.6000



11.3387, 0.0992, 0.1837



11.3387, 0.2882, 0.1702

Rectangle

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



11.3387, 0.5789, 0.3785



11.3387, 0.4408, 0.5446



11.3387, 0.0992, 0.1837



11.3387, 0.1542, 0.1393

Sweetspot

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



11.3394, 0.5789, 0.3785



47.7153, 0.3713, 0.3575



9.1893, 0.4328, 0.2158



10.1456, 0.3813, 0.3615



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.3394, 0.5789, 0.3785



20.2052, 0.5822, 0.3760



27.1889, 0.4482, 0.4823



7.9694, 0.3277, 0.3372



8.8721, 0.5773, 0.3798



0.3129, 0.5159, 0.4286

Inverse Universe

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



13.0725, 0.1909, 0.2072



23.3027, 0.1902, 0.2048



3.4466, 0.1537, 0.0733



8.0693, 0.2987, 0.3207



10.2243, 0.1912, 0.2084



0.3406, 0.2036, 0.2529

Previews

White Background



This preview shows how the Yxy color 11.3387, 0.5789, 0.3785 looks on a white background.

Color Contrast Check

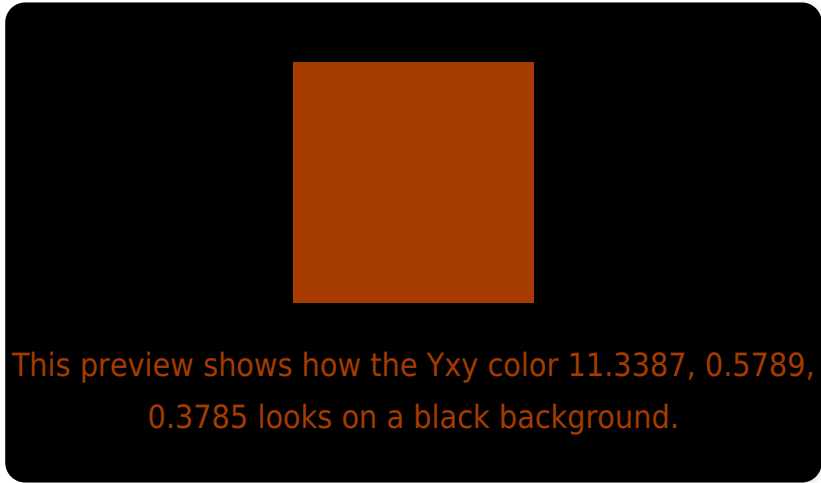
Large Text (above 18pt) WCAG AA ✓ Pass

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

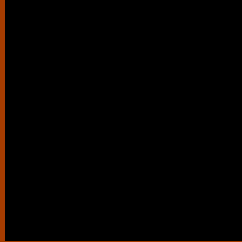
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3387, 0.5789, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 11.3387, 0.5789, 0.3785.



This preview shows how white text looks on a background with the Yxy color 11.3387, 0.5789, 0.3785.

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

11.3387, 0.5789, 0.3785

Protanopia

11.5944, 0.4312, 0.4775

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.3596, 0.5202, 0.3257

Trichromacy



Original Color

11.3387, 0.5789, 0.3785

Protanomaly

10.8778, 0.4911, 0.4376

Deuteranomaly

11.0557, 0.5134, 0.4305

Tritanomaly

11.2817, 0.5528, 0.3514

Monochromacy



Original Color

11.3387, 0.5789, 0.3785

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0126, 0.4264, 0.3772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3387, 0.5789, 0.3785 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(166, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 60, 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(166, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 60, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3387, 0.5789, 0.3785 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(166, 60, 0) }
```

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

```
.border{ border-color:rgb(166, 60, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 60, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 60, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 60, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 60, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3387, 0.5789, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 60, 0) }
```

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

```
.background{ background-color: rgb(166, 60,  
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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