

Converting Colors

$Y_{xy}(11.1315, 0.6015, 0.3985)$

Have a look what the booklet for
Yxy(11.1315, 0.6015, 0.3985)
contains.

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Color

Yxy(11.2300, 0.5759, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	A43D00
RGB	164, 61, 0
RGB Percent	64%, 24%, 0%
CMY	0.3569, 0.7608, 0.9999
CMYK	0.00, 0.63, 1.00, 0.36
HSL	22°, 100%, 32%
HSV	22°, 100%, 64%
XYZ	16.9791, 11.2300, 1.2737
YIQ	84.8430, 80.9690, 2.8650

Conversions

Conversions Part 2

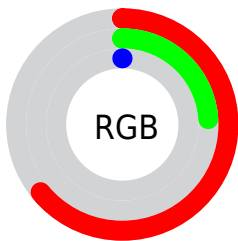
Format	Color
RYB	164, 97, 0
Decimal	10763520
CIELab	39.97, 40.37, 51.09
CIELCh	40, 65.115, 51.687
Yxy	11.2300, 0.5759, 0.3809
Android (android.graphics.Color)	4288953600 (0xFFA43D00)
YUV	84.8430, -41.8276, 69.4207
Hunter-Lab	33.5112, 31.7962, 21.2044

Details

The Yxy color **11.2300, 0.5759, 0.3809** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.3879, 0.1899, 0.2036**, and the grayscale version is **9.1275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0234, 0.5199, 0.3852**, and **3.0082, 0.6360, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **11.2282, 0.5759, 0.3809**, and if you desaturate by 10%, it is **12.4769, 0.5501, 0.3882**.

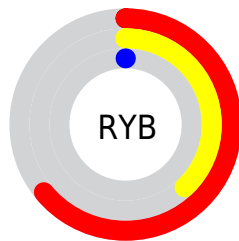
Distribution



Red (64%)

Green (24%)

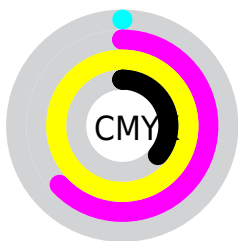
Blue (0%)



Red (64%)

Yellow (38%)

Blue (0%)

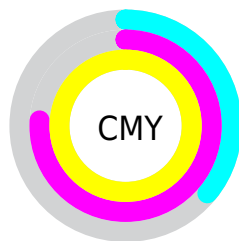


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (36%)



Cyan (36%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2300, 0.5759, 0.3809 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 11.2300, 0.5759, 0.3809 by changing the saturation by 10% instead.


 11.2300, 0.5759,
0.3809


 11.2300, 0.5759,
0.3809


 199.2388, 0.4248,
0.3708


 6.2218, 0.6223,
0.3753

 28.0847, 0.5193,
0.3855


 2.9804, 0.6555,
0.3445

 40.6999, 0.4980,
0.3842


 1.1215, 0.7054,
0.2946

 56.6196, 0.4804,
0.3822

 0.0000, 1.0000,
0.0000


 76.2282, 0.4655,
0.3799

 0.0000, 0.0000,
0.0000

 99.9100, 0.4529,
0.3775


 128.0494, 0.4422,


0.3751

 161.0309, 0.4329,
0.3729


 11.2300, 0.5759,
0.3809


 11.2300, 0.5759,
0.3809


 11.2282, 0.5759,
0.3809

 12.4769, 0.5501,
0.3882

 13.9772, 0.5203,
0.3916

 15.7551, 0.4876,
0.3902

 17.8262, 0.4547,
0.3849

 20.2045, 0.4234,
0.3771

■ 22.9031, 0.3949,
0.3677

■ 25.9342, 0.3697,
0.3577

■ 29.3092, 0.3477,
0.3477

■ 33.0390, 0.3288,
0.3381

Harmonies

Analogous

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



11.2300, 0.5602, 0.3012



11.2300, 0.5759, 0.3809



11.2300, 0.5091, 0.4776

Triad

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



11.2300, 0.5759, 0.3809



11.2300, 0.1721, 0.4599



11.2300, 0.1818, 0.1438

Complementary

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



11.2300, 0.5759, 0.3809



12.3879, 0.1899, 0.2036

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.



11.2300, 0.1223, 0.1451



11.2300, 0.5759, 0.3809



11.2300, 0.1134, 0.2838

Square

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



11.2300, 0.5759, 0.3809



11.2300, 0.2771, 0.5954



11.2300, 0.1008, 0.1837



11.2300, 0.2917, 0.1725

Rectangle

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



11.2300, 0.5759, 0.3809



11.2300, 0.4376, 0.5450



11.2300, 0.1008, 0.1837



11.2300, 0.1570, 0.1408

Sweetspot

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



11.2306, 0.5759, 0.3809



46.7343, 0.3710, 0.3583



8.8906, 0.4392, 0.2193



9.7242, 0.3808, 0.3623



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.



11.2306, 0.5759, 0.3809



20.0119, 0.5791, 0.3783



27.2805, 0.4447, 0.4851



7.4973, 0.3276, 0.3374



8.6942, 0.5742, 0.3823



0.2712, 0.5095, 0.4336

Inverse Universe

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



12.3879, 0.1899, 0.2036



22.0690, 0.1892, 0.2011



3.2506, 0.1531, 0.0713



7.5664, 0.2987, 0.3204



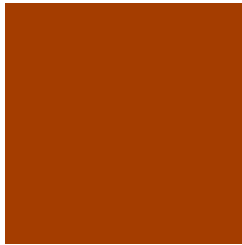
9.5895, 0.1903, 0.2049



0.2874, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 11.2300, 0.5759, 0.3809 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 11.2300, 0.5759, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

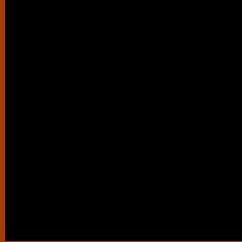
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2300, 0.5759, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 11.2300, 0.5759, 0.3809.



This preview shows how white text looks on a background with the Yxy color 11.2300, 0.5759, 0.3809.

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

11.2300, 0.5759, 0.3809

Protanopia

11.3507, 0.4312, 0.4772

Deuteranopia

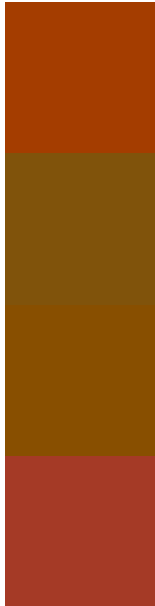
11.3054, 0.4694, 0.4655



Tritanopia

11.2518, 0.5150, 0.3256

Trichromacy



Original Color

11.2300, 0.5759, 0.3809

Protanomaly

10.7999, 0.4896, 0.4386

Deuteranomaly

10.8262, 0.5142, 0.4299

Tritanomaly

11.1654, 0.5497, 0.3531

Monochromacy



Original Color

11.2300, 0.5759, 0.3809

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 11.2300, 0.5759, 0.3809 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, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(164, 61, 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(164, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 61, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2300, 0.5759, 0.3809 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, 61, 0) }
```

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

```
.border{ border-color:rgb(164, 61, 0) }
```

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

Here you see how a box with a 4 pixel rgb(164, 61, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(164, 61, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2300, 0.5759, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 61, 0) }
```

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

```
.background{ background-color: rgb(164, 61,  
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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