

Converting Colors

$Y_{xy}(11.2441, 0.5738, 0.3826)$

Have a look what the booklet for
Yxy(11.2441, 0.5738, 0.3826)
contains.

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Color

Yxy(11.2318, 0.5735, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	A33E00
RGB	163, 62, 0
RGB Percent	64%, 24%, 0%
CMY	0.3608, 0.7568, 0.9998
CMYK	0.00, 0.62, 1.00, 0.36
HSL	23°, 100%, 32%
HSV	23°, 100%, 64%
XYZ	16.8272, 11.2318, 1.2822
YIQ	85.1310, 80.0980, 2.1300

Conversions

Conversions Part 2

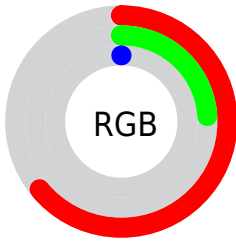
Format	Color
RYB	163, 100, 0
Decimal	10698240
CIELab	39.97, 39.51, 50.99
CIElCh	40, 64.512, 52.230
Yxy	11.2318, 0.5735, 0.3828
Android (android.graphics.Color)	4288888320 (0xFFA33E00)
YUV	85.1310, -41.9696, 68.2911
Hunter-Lab	33.5139, 30.9747, 21.1913

Details

The Yxy color **11.2318, 0.5735, 0.3828** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.9592, 0.1891, 0.2007**, and the grayscale version is **9.1919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0841, 0.5180, 0.3867**, and **3.0138, 0.6318, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **11.2295, 0.5736, 0.3828**, and if you desaturate by 10%, it is **12.4736, 0.5479, 0.3900**.

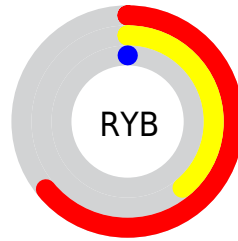
Distribution



Red (64%)

Green (24%)

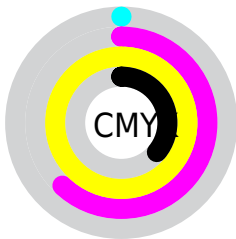
Blue (0%)



Red (64%)

Yellow (39%)

Blue (0%)

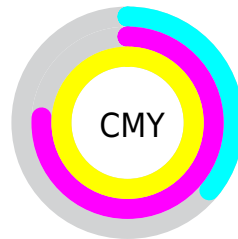


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (36%)



Cyan (36%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2318, 0.5735, 0.3828 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 11.2318, 0.5735, 0.3828 by changing the saturation by 10% instead.


 11.2318, 0.5735,
0.3828

 11.2318, 0.5735,
0.3828


 199.2510, 0.4237,
0.3713


 6.2230, 0.6194,
0.3777

 28.0880, 0.5174,
0.3867


 2.9811, 0.6526,
0.3474

 40.7042, 0.4963,
0.3853


 1.1219, 0.7019,
0.2981

 56.6249, 0.4788,
0.3831

 0.0000, 1.0000,
0.0000


 76.2346, 0.4641,
0.3807


 0.0000, 0.0000,
0.0000


 99.9177, 0.4516,
0.3782

 128.0585, 0.4409,


0.3758


 161.0415, 0.4317,
0.3735


 11.2318, 0.5735,
0.3828


 11.2318, 0.5735,
0.3828


 11.2295, 0.5736,
0.3828

 12.4736, 0.5479,
0.3900

 13.9606, 0.5184,
0.3932

 15.7162, 0.4862,
0.3916

 17.7553, 0.4536,
0.3862

 20.0913, 0.4227,
0.3781

■ 22.7367, 0.3945,
0.3685

■ 25.7031, 0.3694,
0.3583

■ 29.0017, 0.3476,
0.3481

■ 32.6426, 0.3288,
0.3383

Harmonies

Analogous

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



11.2318, 0.5593, 0.3031



11.2318, 0.5735, 0.3828



11.2318, 0.5063, 0.4788

Triad

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



11.2318, 0.5735, 0.3828



11.2318, 0.1718, 0.4552



11.2318, 0.1842, 0.1452

Complementary

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



11.2318, 0.5735, 0.3828



11.9592, 0.1891, 0.2007

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.



11.2318, 0.1242, 0.1459



11.2318, 0.5735, 0.3828



11.2318, 0.1142, 0.2820

Square

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



11.2318, 0.5735, 0.3828



11.2318, 0.2758, 0.5916



11.2318, 0.1021, 0.1837



11.2318, 0.2944, 0.1743

Rectangle

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



11.2318, 0.5735, 0.3828



11.2318, 0.4350, 0.5451



11.2318, 0.1021, 0.1837



11.2318, 0.1592, 0.1420

Sweetspot

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



11.2324, 0.5735, 0.3828



45.7069, 0.3708, 0.3589



8.7717, 0.4391, 0.2193



9.7739, 0.3805, 0.3631



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.



11.2324, 0.5735, 0.3828



19.7526, 0.5767, 0.3803



26.9168, 0.4446, 0.4851



7.5068, 0.3276, 0.3376



8.8095, 0.5719, 0.3841



0.2745, 0.5077, 0.4351

Inverse Universe

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



11.9592, 0.1891, 0.2007



21.0147, 0.1884, 0.1982



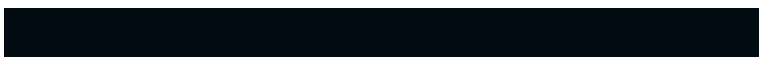
3.2097, 0.1532, 0.0713



7.5565, 0.2987, 0.3203



9.3813, 0.1894, 0.2019



0.2840, 0.2037, 0.2533

Previews

White Background



This preview shows how the Yxy color 11.2318, 0.5735, 0.3828 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 11.2318, 0.5735, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

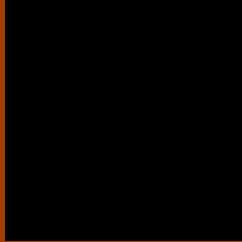
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2318, 0.5735, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 11.2318, 0.5735, 0.3828.



This preview shows how white text looks on a background with the Yxy color 11.2318, 0.5735, 0.3828.

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

11.2318, 0.5735, 0.3828

Protanopia

11.3476, 0.4318, 0.4781

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2555, 0.5109, 0.3255

Trichromacy



Original Color

11.2318, 0.5735, 0.3828

Protanomaly

10.7205, 0.4887, 0.4403

Deuteranomaly

10.9716, 0.5122, 0.4315

Tritanomaly

11.1669, 0.5460, 0.3537

Monochromacy



Original Color

11.2318, 0.5735, 0.3828

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0848, 0.4234, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2318, 0.5735, 0.3828 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(163, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 62, 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(163, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 62, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2318, 0.5735, 0.3828 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(163, 62, 0) }
```

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

```
.border{ border-color:rgb(163, 62, 0) }
```

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

Here you see how a box with a 4 pixel rgb(163, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 62, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2318, 0.5735, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 62, 0) }
```

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

```
.background{ background-color: rgb(163, 62,  
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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