

Converting Colors

$Y_{xy}(11.1070, 0.6191, 0.3627)$

Have a look what the booklet for
Yxy(11.1070, 0.6191, 0.3627)
contains.

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Color

Yxy(11.1485, 0.6075, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	B12C00
RGB	177, 44, 0
RGB Percent	69%, 17%, 0%
CMY	0.3058, 0.8275, 0.9998
CMYK	0.00, 0.75, 1.00, 0.31
HSL	15°, 100%, 35%
HSV	15°, 100%, 69%
XYZ	19.0352, 11.1485, 1.1499
YIQ	78.7510, 93.3920, 14.5120

Conversions

Conversions Part 2

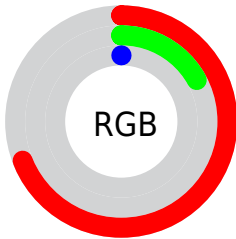
Format	Color
R _Y B	177, 59, 0
Decimal	11611136
CIE Lab	39.83, 51.89, 52.38
CIE LCh	40, 73.729, 45.268
Yxy	11.1485, 0.6075, 0.3558
Android (android.graphics.Color)	4289801216 (0xFFB12C00)
YUV	78.7510, -38.8242, 86.1644
Hunter-Lab	33.3894, 43.3309, 21.3306

Details

The Yxy color **11.1485, 0.6075, 0.3558** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.9725, 0.2019, 0.2469**, and the grayscale version is **7.8308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0722, 0.5447, 0.3687**, and **3.6448, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.1464, 0.6076, 0.3558**, and if you desaturate by 10%, it is **12.3468, 0.5805, 0.3634**.

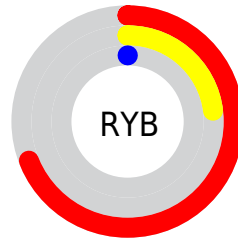
Distribution



Red (69%)

Green (17%)

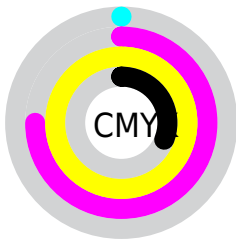
Blue (0%)



Red (69%)

Yellow (23%)

Blue (0%)

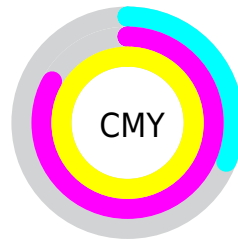


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (83%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1485, 0.6075, 0.3558 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 11.1485, 0.6075, 0.3558 by changing the saturation by 10% instead.


 11.1485, 0.6075,
0.3558

 11.1485, 0.6075,
0.3558


 198.6835, 0.4391,
0.3642


 6.1668, 0.6568,
0.3432

 27.9344, 0.5450,
0.3686


 2.9468, 0.6939,
0.3061

 40.5075, 0.5214,
0.3700


 1.1040, 0.7497,
0.2503

 56.3798, 0.5016,
0.3700

 0.0000, 1.0000,
0.0000

 75.9357, 0.4850,
0.3693

 0.0000, 0.0000,
0.0000


 99.5596, 0.4708,
0.3682

 127.6360, 0.4587,


0.3669


 160.5491, 0.4482,
0.3655


 11.1485, 0.6075,
0.3558


 11.1485, 0.6075,
0.3558


 11.1464, 0.6076,
0.3558

 12.3468, 0.5805,
0.3634

 13.9284, 0.5465,
0.3682

 15.9331, 0.5082,
0.3690

 18.3904, 0.4694,
0.3664

 21.3267, 0.4331,
0.3615

■ 24.7663, 0.4007,
0.3552

■ 28.7319, 0.3728,
0.3485

■ 33.2446, 0.3491,
0.3417

■ 38.3246, 0.3293,
0.3351

Harmonies

Analogous

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



11.1485, 0.5708, 0.2762



11.1485, 0.6075, 0.3558



11.1485, 0.5435, 0.4565

Triad

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



11.1485, 0.6075, 0.3558



11.1485, 0.1743, 0.5264



11.1485, 0.1514, 0.1262

Complementary

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



11.1485, 0.6075, 0.3558



19.9725, 0.2019, 0.2469

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.



11.1485, 0.0995, 0.1335



11.1485, 0.6075, 0.3558



11.1485, 0.1031, 0.3104

Square

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



11.1485, 0.6075, 0.3558



11.1485, 0.2914, 0.6403



11.1485, 0.0839, 0.1829



11.1485, 0.2567, 0.1496

Rectangle

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



11.1485, 0.6075, 0.3558



11.1485, 0.4660, 0.5340



11.1485, 0.0839, 0.1829



11.1485, 0.1292, 0.1251

Sweetspot

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



11.1492, 0.6075, 0.3558



51.0399, 0.3742, 0.3489



11.1197, 0.3901, 0.1923



10.4083, 0.3852, 0.3517



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



11.1492, 0.6075, 0.3558



19.6643, 0.6103, 0.3536



25.2677, 0.4756, 0.4605



8.8367, 0.3281, 0.3347



8.1575, 0.6057, 0.3573



0.3505, 0.5510, 0.4007

Inverse Universe

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



19.9725, 0.2019, 0.2469



35.3897, 0.2015, 0.2453



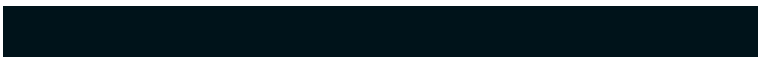
5.2275, 0.1591, 0.0928



9.2671, 0.2986, 0.3232



14.5649, 0.2022, 0.2478



0.5439, 0.2092, 0.2731

Previews

White Background



This preview shows how the Yxy color 11.1485, 0.6075, 0.3558 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 11.1485, 0.6075, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

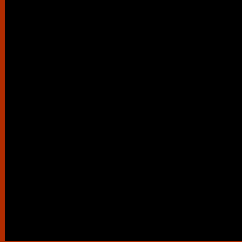
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1485, 0.6075, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 11.1485, 0.6075, 0.3558.



This preview shows how white text looks on a background with the Yxy color 11.1485, 0.6075, 0.3558.

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

11.1485, 0.6075, 0.3558

Protanopia

11.3607, 0.4292, 0.4742

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2180, 0.5737, 0.3288

Trichromacy



Original Color

11.1485, 0.6075, 0.3558

Protanomaly

10.1035, 0.5079, 0.4216

Deuteranomaly

10.4278, 0.5325, 0.4154

Tritanomaly

11.2000, 0.5917, 0.3419

Monochromacy



Original Color

11.1485, 0.6075, 0.3558

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.7716, 0.4488, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1485, 0.6075, 0.3558 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(177, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(177, 44, 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(177, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 44, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.1485, 0.6075, 0.3558 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(177, 44, 0) }
```

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

```
.border{ border-color:rgb(177, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(177, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(177, 44, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1485, 0.6075, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 44, 0) }
```

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

```
.background{ background-color: rgb(177, 44,  
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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