

Converting Colors

$Y_{xy}(11.5000, 0.6108, 0.3531)$

Have a look what the booklet for
Yxy(11.5000, 0.6108, 0.3531)
contains.

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Color

Yxy(11.4797, 0.6112, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	B52A00
RGB	181, 42, 0
RGB Percent	71%, 16%, 0%
CMY	0.2902, 0.8352, 1.0000
CMYK	0.00, 0.77, 1.00, 0.29
HSL	14°, 100%, 35%
HSV	14°, 100%, 71%
XYZ	19.8821, 11.4797, 1.1678
YIQ	78.7730, 96.3260, 16.4060

Conversions

Conversions Part 2

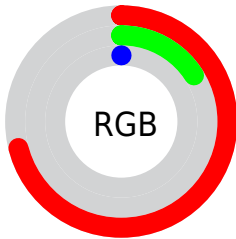
Format	Color
R _Y B	181, 55, 0
Decimal	11872768
CIE Lab	40.38, 53.81, 53.10
CIE LCh	40, 75.592, 44.619
Yxy	11.4797, 0.6112, 0.3529
Android (android.graphics.Color)	4290062848 (0xFFB52A00)
YUV	78.7730, -38.8351, 89.6531
Hunter-Lab	33.8817, 45.4525, 21.6736

Details

The Yxy color **11.4797, 0.6112, 0.3529** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **21.7889, 0.2034, 0.2523**, and the grayscale version is **7.8378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5932, 0.5483, 0.3666**, and **3.8516, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.4804, 0.6112, 0.3529**, and if you desaturate by 10%, it is **12.6875, 0.5844, 0.3604**.

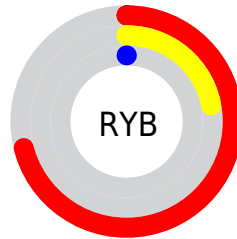
Distribution



Red (71%)

Green (16%)

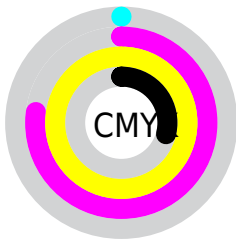
Blue (0%)



Red (71%)

Yellow (22%)

Blue (0%)

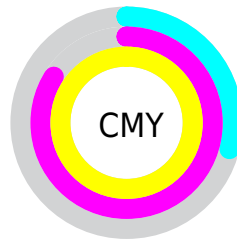


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4797, 0.6112, 0.3529 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 11.4797, 0.6112, 0.3529 by changing the saturation by 10% instead.


 11.4797, 0.6112,
0.3529


 11.4797, 0.6112,
0.3529


 200.9296, 0.4416,
0.3635


 6.3905, 0.6602,
0.3398


 28.5439, 0.5486,
0.3665


 3.0839, 0.6973,
0.3027

 41.2876, 0.5248,
0.3683


 1.1757, 0.7524,
0.2476

 57.3516, 0.5049,
0.3686

 0.0417, 0.9723,
0.0277

 77.1203, 0.4881,
0.3681


 0.0000, 1.0000,
0.0000

 100.9780, 0.4738,
0.3672

 0.0000, 0.0000,
0.0000


 129.3092, 0.4615,

0.3660

 162.4983, 0.4509,
0.3648

 11.4797, 0.6112,
0.3529


 11.4797, 0.6112,
0.3529


 11.4804, 0.6112,
0.3529

 12.6875, 0.5844,
0.3604

 14.3090, 0.5502,
0.3653

 16.3884, 0.5112,
0.3662

 18.9586, 0.4716,
0.3640

 22.0493, 0.4346,
0.3594

■ 25.6877, 0.4017,
0.3536

■ 29.8991, 0.3733,
0.3473

■ 34.7071, 0.3494,
0.3409

■ 40.1341, 0.3294,
0.3348

Harmonies

Analogous

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



11.4797, 0.5721, 0.2734



11.4797, 0.6112, 0.3529



11.4797, 0.5466, 0.4534

Triad

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



11.4797, 0.6112, 0.3529



11.4797, 0.1743, 0.5346



11.4797, 0.1481, 0.1242

Complementary

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



11.4797, 0.6112, 0.3529



21.7889, 0.2034, 0.2523

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.



11.4797, 0.0970, 0.1321



11.4797, 0.6112, 0.3529



11.4797, 0.1018, 0.3136

Square

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



11.4797, 0.6112, 0.3529



11.4797, 0.2926, 0.6449



11.4797, 0.0820, 0.1827



11.4797, 0.2528, 0.1470

Rectangle

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



11.4797, 0.6112, 0.3529



11.4797, 0.4683, 0.5317



11.4797, 0.0820, 0.1827



11.4797, 0.1262, 0.1232

Sweetspot

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



11.4804, 0.6112, 0.3529



53.1532, 0.3746, 0.3476



11.7686, 0.3845, 0.1892



10.7896, 0.3859, 0.3503



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.



11.4804, 0.6112, 0.3529



20.2774, 0.6138, 0.3509



25.7101, 0.4800, 0.4571



8.8150, 0.3281, 0.3344



8.0058, 0.6091, 0.3546



0.3416, 0.5554, 0.3972

Inverse Universe

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



21.7889, 0.2034, 0.2523



38.6660, 0.2031, 0.2510



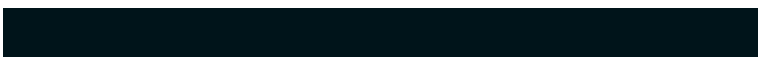
5.7279, 0.1601, 0.0961



9.2903, 0.2986, 0.3236



15.1322, 0.2037, 0.2534



0.5579, 0.2102, 0.2769

Previews

White Background



This preview shows how the Yxy color 11.4797, 0.6112, 0.3529 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

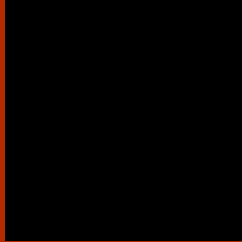
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4797, 0.6112, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 11.4797, 0.6112, 0.3529.



This preview shows how white text looks on a background with the Yxy color 11.4797, 0.6112, 0.3529.

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

11.4797, 0.6112, 0.3529

Protanopia

11.7917, 0.4270, 0.4752

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.4280, 0.5804, 0.3289

Trichromacy



Original Color

11.4797, 0.6112, 0.3529

Protanomaly

10.4877, 0.5099, 0.4205

Deuteranomaly

10.7372, 0.5327, 0.4152

Tritanomaly

11.4115, 0.5973, 0.3409

Monochromacy



Original Color

11.4797, 0.6112, 0.3529

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.8397, 0.4506, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4797, 0.6112, 0.3529 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(181, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 42, 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(181, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 42, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4797, 0.6112, 0.3529 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(181, 42, 0) }
```

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

```
.border{ border-color:rgb(181, 42, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 42, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4797, 0.6112, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 42, 0) }
```

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

```
.background{ background-color: rgb(181, 42,  
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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