

Converting Colors

$Yxy(11.9346, 0.6130, 0.3515)$

Have a look what the booklet for
Yxy(11.9346, 0.6130, 0.3515)
contains.

Yxy(11.9702, 0.6125, 0.3519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.9702, 0.6125, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	B92A00
RGB	185, 42, 0
RGB Percent	73%, 16%, 0%
CMY	0.2745, 0.8352, 1.0000
CMYK	0.00, 0.77, 1.00, 0.27
HSL	14°, 100%, 36%
HSV	14°, 100%, 73%
XYZ	20.8347, 11.9702, 1.2110
YIQ	79.9690, 98.7100, 17.2540

Conversions

Conversions Part 2

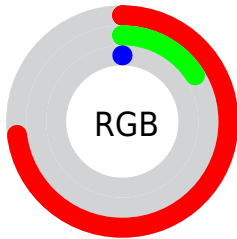
Format	Color
R_{YB}	185, 54, 0
Decimal	12134912
CIE Lab	41.17, 55.06, 53.92
CIE LCh	41, 77.067, 44.403
Yxy	11.9702, 0.6125, 0.3519
Android (android.graphics.Color)	4290324992 (0xFFB92A00)
YUV	79.9690, -39.4247, 92.1122
Hunter-Lab	34.5980, 46.9454, 22.1434

Details

The Yxy color **11.9702, 0.6125, 0.3519** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **23.1408, 0.2039, 0.2540**, and the grayscale version is **8.0814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3205, 0.5508, 0.3656**, and **4.1376, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.9710, 0.6125, 0.3519**, and if you desaturate by 10%, it is **13.2182, 0.5859, 0.3594**.

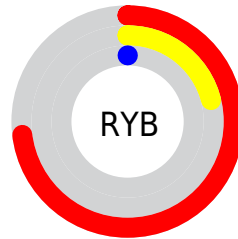
Distribution



Red (73%)

Green (16%)

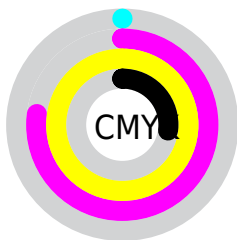
Blue (0%)



Red (73%)

Yellow (21%)

Blue (0%)

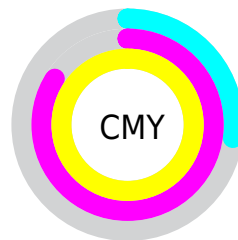


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (84%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9702, 0.6125, 0.3519 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 11.9702, 0.6125, 0.3519 by changing the saturation by 10% instead.


 11.9702, 0.6125,
0.3519

 11.9702, 0.6125,
0.3519


 204.2079, 0.4434,
0.3634

 6.7234, 0.6611,
0.3389


 29.4408, 0.5505,
0.3658


 3.2897, 0.6975,
0.3025

 42.4334, 0.5267,
0.3677

 1.2848, 0.7513,
0.2487

 58.7767, 0.5068,
0.3681

 0.1294, 0.9267,
0.0733

 78.8552, 0.4900,
0.3678


 0.0000, 1.0000,
0.0000

 103.0531, 0.4757,
0.3669

 0.0000, 0.0000,
0.0000


 131.7549, 0.4634,


0.3658

 165.3451, 0.4527,
0.3646

 11.9702, 0.6125,
0.3519


 11.9702, 0.6125,
0.3519


 11.9710, 0.6125,
0.3519

 13.2182, 0.5859,
0.3594

 14.9049, 0.5517,
0.3643

 17.0776, 0.5124,
0.3654

 19.7716, 0.4726,
0.3632

 23.0190, 0.4352,
0.3588

■ 26.8490, 0.4021,
0.3531

■ 31.2886, 0.3736,
0.3469

■ 36.3634, 0.3495,
0.3407

■ 42.0972, 0.3294,
0.3346

Harmonies

Analogous

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



11.9702, 0.5726, 0.2724



11.9702, 0.6125, 0.3519



11.9702, 0.5477, 0.4523

Triad

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



11.9702, 0.6125, 0.3519



11.9702, 0.1743, 0.5374



11.9702, 0.1469, 0.1235

Complementary

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



11.9702, 0.6125, 0.3519



23.1408, 0.2039, 0.2540

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.



11.9702, 0.0961, 0.1316



11.9702, 0.6125, 0.3519



11.9702, 0.1013, 0.3147

Square

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



11.9702, 0.6125, 0.3519



11.9702, 0.2929, 0.6465



11.9702, 0.0813, 0.1826



11.9702, 0.2515, 0.1461

Rectangle

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



11.9702, 0.6125, 0.3519



11.9702, 0.4691, 0.5309



11.9702, 0.0813, 0.1826



11.9702, 0.1251, 0.1226

Sweetspot

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



11.9710, 0.6125, 0.3519



55.6243, 0.3749, 0.3472



12.3555, 0.3847, 0.1893



11.2503, 0.3863, 0.3499



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.9710, 0.6125, 0.3519



21.1526, 0.6149, 0.3499



26.9742, 0.4801, 0.4570



9.3344, 0.3282, 0.3343



8.2447, 0.6104, 0.3535



0.3859, 0.5602, 0.3934

Inverse Universe

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



23.1408, 0.2039, 0.2540



41.0788, 0.2035, 0.2527



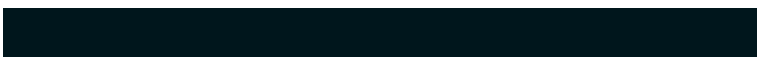
5.9959, 0.1600, 0.0959



9.8553, 0.2985, 0.3237



15.8709, 0.2042, 0.2551



0.6457, 0.2101, 0.2763

Previews

White Background



This preview shows how the Yxy color 11.9702, 0.6125, 0.3519 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

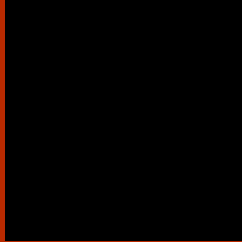
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9702, 0.6125, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 11.9702, 0.6125, 0.3519.



This preview shows how white text looks on a background with the Yxy color 11.9702, 0.6125, 0.3519.

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

11.9702, 0.6125, 0.3519

Protanopia

12.3611, 0.4280, 0.4740

Deuteranopia

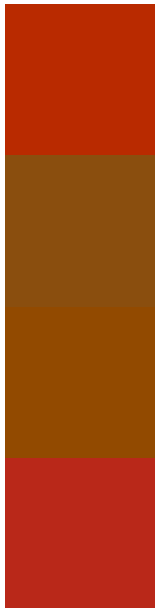
12.1138, 0.4696, 0.4653



Tritanopia

11.9185, 0.5828, 0.3290

Trichromacy



Original Color

11.9702, 0.6125, 0.3519

Protanomaly

10.8838, 0.5113, 0.4189

Deuteranomaly

11.0086, 0.5360, 0.4126

Tritanomaly

11.9021, 0.5991, 0.3405

Monochromacy



Original Color

11.9702, 0.6125, 0.3519

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

7.9870, 0.4522, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9702, 0.6125, 0.3519 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(185, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 42, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.9702, 0.6125, 0.3519 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(185, 42, 0) }
```

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

```
.border{ border-color:rgb(185, 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(185, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 42, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.9702, 0.6125, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 42, 0) }
```

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

```
.background{ background-color: rgb(185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor