

# Converting Colors

$Y_{xy}(11.1141, 0.6388, 0.3293)$

Have a look what the booklet for  
Yxy(11.1141, 0.6388, 0.3293)  
contains.

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**Color**

**Yxy(11.0807, 0.6390, 0.3294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF0002
RGB	191, 0, 2
RGB Percent	75%, 0%, 1%
CMY	0.2510, 0.9997, 0.9922
CMYK	0.00, 1.00, 0.99, 0.25
HSL	359°, 100%, 37%
HSV	359°, 100%, 75%
XYZ	21.4953, 11.0807, 1.0630
YIQ	57.3370, 113.1940, 41.1140

# Conversions

## Conversions Part 2

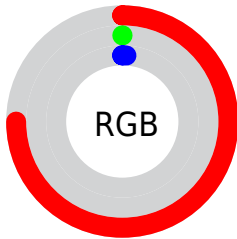
Format	Color
<a href="#">RYB</a>	191, 0, 2
Decimal	12517378
CIELab	39.72, 64.47, 53.32
CIElCh	40, 83.664, 39.589
Yxy	11.0807, 0.6390, 0.3294
Android (android.graphics.Color)	4290707458 (0xFFBF0002)
YUV	57.3370, -27.2811, 117.2225
Hunter-Lab	33.2877, 57.0120, 21.4080

# Details

The Yxy color **11.0807, 0.6390, 0.3294** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **40.9362, 0.2255, 0.3318**, and the grayscale version is **4.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5425, 0.5708, 0.3503**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.0795, 0.6391, 0.3294**, and if you desaturate by 10%, it is **11.6009, 0.6200, 0.3291**.

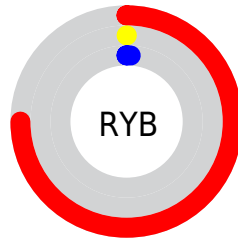
# Distribution



Red (75%)

Green (0%)

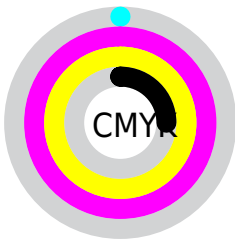
Blue (1%)



Red (75%)

Yellow (0%)

Blue (1%)

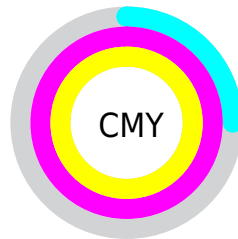


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (100%)


Yellow (99%)

# Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0807, 0.6390, 0.3294 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 11.0807, 0.6390, 0.3294 by changing the saturation by 10% instead.





 11.0807, 0.6390,  
0.3294


 11.0807, 0.6390,  
0.3294


 198.2204, 0.4540,  
0.3563


 6.1211, 0.6896,  
0.3104

 27.8093, 0.5712,  
0.3499


 2.9189, 0.7308,  
0.2692

 40.3471, 0.5452,  
0.3541


 1.0895, 0.7900,  
0.2100

 56.1798, 0.5234,  
0.3562

 0.0000, 1.0000,  
0.0000


 75.6918, 0.5050,  
0.3572

 0.0000, 0.0000,  
0.0000

 99.2675, 0.4893,  
0.3575


 127.2912, 0.4759,

0.3573


 160.1473, 0.4642,  
0.3569


 11.0807, 0.6390,  
0.3294


 11.0807, 0.6390,  
0.3294


 11.0795, 0.6391,  
0.3294

 11.6009, 0.6200,  
0.3291

 12.6313, 0.5871,  
0.3286

 14.3519, 0.5432,  
0.3283

 16.8549, 0.4957,  
0.3281

 20.2183, 0.4506,  
0.3281

■ 24.5109, 0.4111,  
0.3282

■ 29.7943, 0.3781,  
0.3284

■ 36.1250, 0.3513,  
0.3286

■ 43.5550, 0.3298,  
0.3288

# Harmonies

## Analogous

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



11.0807, 0.5784, 0.2509



11.0807, 0.6390, 0.3294



11.0807, 0.5728, 0.4272

# Triad

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



11.0807, 0.6390, 0.3294



11.0807, 0.1751, 0.6032



11.0807, 0.1235, 0.1097

# Complementary

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



11.0807, 0.6390, 0.3294



40.9362, 0.2255, 0.3318

# 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.



11.0807, 0.0789, 0.1224



11.0807, 0.6390, 0.3294



11.0807, 0.0926, 0.3444

# Square

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



11.0807, 0.6390, 0.3294



11.0807, 0.3039, 0.6790



11.0807, 0.0681, 0.1829



11.0807, 0.2219, 0.1279



# Rectangle

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



11.0807, 0.6390, 0.3294



11.0807, 0.4892, 0.5108



11.0807, 0.0681, 0.1829



11.0807, 0.1040, 0.1102

# Sweetspot

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



11.0814, 0.6390, 0.3294



52.8322, 0.3797, 0.3284



14.4302, 0.3168, 0.1519



10.6742, 0.3931, 0.3283



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



11.0814, 0.6390, 0.3294



19.8433, 0.6393, 0.3296



18.7913, 0.5458, 0.4047



9.5379, 0.3287, 0.3288



7.2827, 0.6388, 0.3293



0.2858, 0.6338, 0.3265



# Inverse Universe

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



11.0814, 0.6390, 0.3294



19.8433, 0.6393, 0.3296



12.6321, 0.1787, 0.1631



9.5379, 0.3287, 0.3288



7.2827, 0.6388, 0.3293



0.2858, 0.6338, 0.3265



# Previews

## White Background



This preview shows how the Yxy color 11.0807, 0.6390, 0.3294 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 11.0807, 0.6390, 0.3294**

## Background



This preview shows how black text looks on a background with the Yxy color 11.0807, 0.6390, 0.3294.



This preview shows how white text looks on a background with the Yxy color 11.0807, 0.6390, 0.3294.

# 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

11.0807, 0.6390, 0.3294

### Protanopia

11.8077, 0.4240, 0.4708

### Deuteranopia

11.7192, 0.4671, 0.4673



## Tritanopia

11.3798, 0.6328, 0.3357

# Trichromacy



## Original Color

11.0807, 0.6390, 0.3294

## Protanomaly

8.8890, 0.5399, 0.3900

## Deuteranomaly

9.2411, 0.5647, 0.3888

## Tritanomaly

11.1887, 0.6355, 0.3329

# Monochromacy



## Original Color

11.0807, 0.6390, 0.3294

## Achromatopsia

4.0915, 0.3127, 0.3290

## Achromatomaly

4.4595, 0.5074, 0.3275

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 11.0807, 0.6390, 0.3294 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(191, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 2)  
}
```

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(191, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 2) }
```

## Border

The CSS property to change the border of an element to Yxy 11.0807, 0.6390, 0.3294 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(191, 0, 2) }
```

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

```
.border{ border-color:rgb(191, 0, 2) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(191, 0, 2); box-shadow:4px  
4px 4px 4px rgb(191, 0, 2) }
```



# Background

The CSS property to change the background color of an element to Yxy 11.0807, 0.6390, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 2) }
```

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

```
.background{ background-color: rgb(191, 0,  
2) }
```

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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