

Converting Colors

$Y_{xy}(11.1505, 0.6394, 0.3305)$

Have a look what the booklet for
Yxy(11.1505, 0.6394, 0.3305)
contains.

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Color

Yxy(11.1198, 0.6393, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	BF0200
RGB	191, 2, 0
RGB Percent	75%, 1%, 0%
CMY	0.2511, 0.9914, 1.0000
CMYK	0.00, 0.99, 1.00, 0.25
HSL	1°, 100%, 37%
HSV	1°, 100%, 75%
XYZ	21.5030, 11.1198, 1.0124
YIQ	58.2830, 113.2860, 39.4460

Conversions

Conversions Part 2

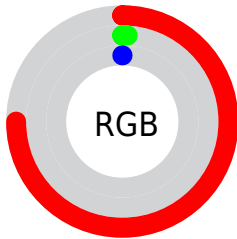
Format	Color
RYB	191, 2, 0
Decimal	12517888
CIELab	39.78, 64.23, 54.12
CIElCh	40, 83.989, 40.118
Yxy	11.1198, 0.6393, 0.3306
Android (android.graphics.Color)	4290707968 (0xFFBF0200)
YUV	58.2830, -28.7335, 116.3928
Hunter-Lab	33.3464, 56.7474, 21.5424

Details

The Yxy color **11.1198, 0.6393, 0.3306** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **40.0659, 0.2237, 0.3253**, and the grayscale version is **4.3135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6855, 0.5707, 0.3517**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.1206, 0.6393, 0.3306**, and if you desaturate by 10%, it is **11.6592, 0.6204, 0.3308**.

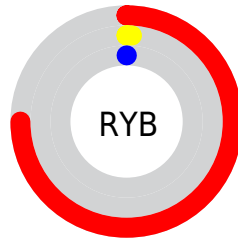
Distribution



Red (75%)

Green (1%)

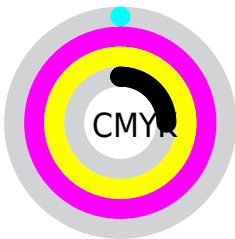
Blue (0%)



Red (75%)

Yellow (1%)

Blue (0%)

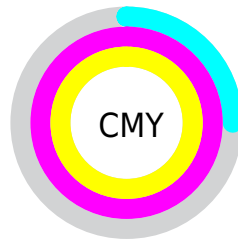


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (99%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1198, 0.6393, 0.3306 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 11.1198, 0.6393, 0.3306 by changing the saturation by 10% instead.


 11.1198, 0.6393,
0.3306


 11.1198, 0.6393,
0.3306


 198.4876, 0.4547,
0.3573


 6.1475, 0.6888,
0.3112

 27.8815, 0.5719,
0.3512


 2.9350, 0.7298,
0.2702

 40.4396, 0.5461,
0.3553


 1.0979, 0.7888,
0.2112

 56.2952, 0.5243,
0.3575

 0.0000, 1.0000,
0.0000

 75.8325, 0.5059,
0.3584


 0.0000, 0.0000,
0.0000


 99.4360, 0.4901,
0.3586


 127.4901, 0.4766,

0.3584

 160.3792, 0.4650,
0.3579

 11.1198, 0.6393,
0.3306

 11.1198, 0.6393,
0.3306

 11.1206, 0.6393,
0.3306

 11.6592, 0.6204,
0.3308

 12.7280, 0.5877,
0.3312

 14.4811, 0.5440,
0.3313

 17.0067, 0.4966,
0.3312

 20.3802, 0.4514,
0.3309

■ 24.6678, 0.4118,
0.3305

■ 29.9293, 0.3787,
0.3301

■ 36.2194, 0.3517,
0.3297

■ 43.5886, 0.3301,
0.3293

Harmonies

Analogous

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



11.1198, 0.5814, 0.2520



11.1198, 0.6393, 0.3306



11.1198, 0.5710, 0.4290

Triad

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



11.1198, 0.6393, 0.3306



11.1198, 0.1727, 0.6002



11.1198, 0.1243, 0.1094

Complementary

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



11.1198, 0.6393, 0.3306



40.0659, 0.2237, 0.3253

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.



11.1198, 0.0790, 0.1215



11.1198, 0.6393, 0.3306



11.1198, 0.0913, 0.3402

Square

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



11.1198, 0.6393, 0.3306



11.1198, 0.3009, 0.6804



11.1198, 0.0677, 0.1809



11.1198, 0.2241, 0.1282

Rectangle

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



11.1198, 0.6393, 0.3306



11.1198, 0.4868, 0.5132



11.1198, 0.0677, 0.1809



11.1198, 0.1046, 0.1098

Sweetspot

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



11.1206, 0.6393, 0.3306



53.1302, 0.3801, 0.3301



14.8336, 0.3209, 0.1542



10.7431, 0.3936, 0.3303



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.



11.1206, 0.6393, 0.3306



19.8993, 0.6395, 0.3304



19.3457, 0.5410, 0.4086



9.5534, 0.3288, 0.3293



7.3185, 0.6391, 0.3308



0.2927, 0.6352, 0.3339

Inverse Universe

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



40.0659, 0.2237, 0.3253



71.7526, 0.2237, 0.3252



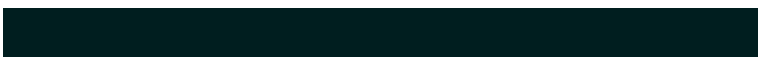
12.0330, 0.1771, 0.1574



10.7903, 0.2985, 0.3287



26.3471, 0.2237, 0.3253



1.0381, 0.2239, 0.3262

Previews

White Background



This preview shows how the Yxy color 11.1198, 0.6393, 0.3306 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 11.1198, 0.6393, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 11.1198, 0.6393, 0.3306.



This preview shows how white text looks on a background with the Yxy color 11.1198, 0.6393, 0.3306.

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

11.1198, 0.6393, 0.3306

Protanopia

11.8077, 0.4240, 0.4708

Deuteranopia

11.7192, 0.4671, 0.4673



Tritanopia

11.3798, 0.6328, 0.3357

Trichromacy



Original Color

11.1198, 0.6393, 0.3306

Protanomaly

8.9957, 0.5388, 0.3924

Deuteranomaly

9.2389, 0.5654, 0.3893

Tritanomaly

11.2101, 0.6356, 0.3335

Monochromacy



Original Color

11.1198, 0.6393, 0.3306

Achromatopsia

4.2311, 0.3127, 0.3290

Achromatomaly

4.5840, 0.5043, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1198, 0.6393, 0.3306 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, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 2, 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(191, 2, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 11.1198, 0.6393, 0.3306 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, 2, 0) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 11.1198, 0.6393, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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