

Converting Colors

$Yxy(11.2467, 0.6378, 0.3318)$

Have a look what the booklet for
Yxy(11.2467, 0.6378, 0.3318)
contains.

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Color

Yxy(11.2066, 0.6379, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	BF0600
RGB	191, 6, 0
RGB Percent	75%, 2%, 0%
CMY	0.2510, 0.9764, 1.0000
CMYK	0.00, 0.97, 1.00, 0.25
HSL	2°, 100%, 37%
HSV	2°, 100%, 75%
XYZ	21.5517, 11.2066, 1.0271
YIQ	60.6310, 112.1860, 37.3540

Conversions

Conversions Part 2

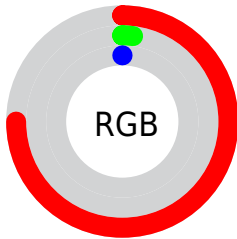
Format	Color
R_{YB}	191, 6, 0
Decimal	12518912
CIE _{Lab}	39.93, 63.83, 54.17
CIE _{LCh}	40, 83.718, 40.316
Yxy	11.2066, 0.6379, 0.3317
Android (android.graphics.Color)	4290708992 (0xFFBF0600)
YUV	60.6310, -29.8911, 114.3336
Hunter-Lab	33.4763, 56.3330, 21.6143

Details

The Yxy color **11.2066, 0.6379, 0.3317** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **38.4550, 0.2220, 0.3191**, and the grayscale version is **4.6440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8397, 0.5699, 0.3525**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2073, 0.6379, 0.3317**, and if you desaturate by 10%, it is **11.7988, 0.6184, 0.3325**.

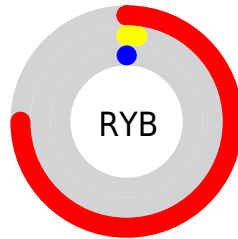
Distribution



Red (75%)

Green (2%)

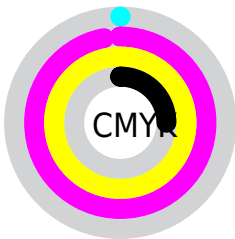
Blue (0%)



Red (75%)

Yellow (2%)

Blue (0%)

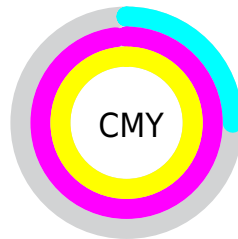


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (98%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2066, 0.6379, 0.3317 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 11.2066, 0.6379, 0.3317 by changing the saturation by 10% instead.


 11.2066, 0.6379,
0.3317

 11.2066, 0.6379,
0.3317


 199.0795, 0.4542,
0.3576


 6.2060, 0.6873,
0.3127


 28.0416, 0.5709,
0.3519


 2.9707, 0.7280,
0.2720

 40.6447, 0.5451,
0.3559


 1.1165, 0.7866,
0.2134

 56.5508, 0.5234,
0.3580

 0.0000, 1.0000,
0.0000

 76.1443, 0.5051,
0.3589


 0.0000, 0.0000,
0.0000


 99.8095, 0.4895,
0.3591


 127.9308, 0.4760,

0.3588


 160.8927, 0.4644,
0.3583


 11.2066, 0.6379,
0.3317


 11.2066, 0.6379,
0.3317

 11.2073, 0.6379,
0.3317

 11.7988, 0.6184,
0.3325

 12.9466, 0.5851,
0.3336

 14.7675, 0.5414,
0.3341

 17.3429, 0.4945,
0.3340

 20.7430, 0.4499,
0.3334

■ 25.0298, 0.4109,
0.3326

■ 30.2593, 0.3782,
0.3317

■ 36.4831, 0.3515,
0.3307

■ 43.7490, 0.3300,
0.3298

Harmonies

Analogous

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



11.2066, 0.5809, 0.2531



11.2066, 0.6379, 0.3317



11.2066, 0.5698, 0.4302

Triad

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



11.2066, 0.6379, 0.3317



11.2066, 0.1729, 0.5969



11.2066, 0.1254, 0.1101

Complementary

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



11.2066, 0.6379, 0.3317



38.4550, 0.2220, 0.3191

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.



11.2066, 0.0799, 0.1221



11.2066, 0.6379, 0.3317



11.2066, 0.0919, 0.3389

Square

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



11.2066, 0.6379, 0.3317



11.2066, 0.3005, 0.6784



11.2066, 0.0684, 0.1810



11.2066, 0.2254, 0.1291

Rectangle

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



11.2066, 0.6379, 0.3317



11.2066, 0.4859, 0.5141



11.2066, 0.0684, 0.1810



11.2066, 0.1056, 0.1104

Sweetspot

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



11.2073, 0.6379, 0.3317



53.7083, 0.3796, 0.3317



14.6998, 0.3251, 0.1565



10.8771, 0.3929, 0.3321



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.



11.2073, 0.6379, 0.3317



20.0069, 0.6385, 0.3312



19.9409, 0.5361, 0.4125



9.5832, 0.3288, 0.3298



7.3873, 0.6373, 0.3322



0.3061, 0.6269, 0.3404

Inverse Universe

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



38.4550, 0.2220, 0.3191



68.7994, 0.2219, 0.3189



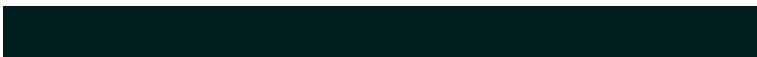
11.4713, 0.1755, 0.1519



10.7566, 0.2985, 0.3282



25.2944, 0.2220, 0.3192



1.0071, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 11.2066, 0.6379, 0.3317 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 11.2066, 0.6379, 0.3317 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 11.2066, 0.6379, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 11.2066, 0.6379, 0.3317.



This preview shows how white text looks on a background with the Yxy color 11.2066, 0.6379, 0.3317.

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

11.2066, 0.6379, 0.3317

Protanopia

11.8077, 0.4240, 0.4708

Deuteranopia

11.7192, 0.4671, 0.4673



Tritanopia

11.3798, 0.6328, 0.3357

Trichromacy



Original Color

11.2066, 0.6379, 0.3317

Protanomaly

9.1075, 0.5369, 0.3941

Deuteranomaly

9.4485, 0.5615, 0.3923

Tritanomaly

11.2612, 0.6348, 0.3342

Monochromacy



Original Color

11.2066, 0.6379, 0.3317

Achromatopsia

4.6665, 0.3127, 0.3290

Achromatomaly

4.9205, 0.4980, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2066, 0.6379, 0.3317 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, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 6, 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, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 6, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2066, 0.6379, 0.3317 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, 6, 0) }
```

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

```
.border{ border-color:rgb(191, 6, 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, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(191, 6, 0); box-shadow:4px  
4px 4px 4px rgb(191, 6, 0) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2066, 0.6379, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 6, 0) }
```

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

```
.background{ background-color: rgb(191, 6,  
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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