

Converting Colors

$Y_{xy}(11.2870, 0.6371, 0.3323)$

Have a look what the booklet for
Yxy(11.2870, 0.6371, 0.3323)
contains.

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Color

Yxy(11.2500, 0.6372, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	BF0800
RGB	191, 8, 0
RGB Percent	75%, 3%, 0%
CMY	0.2510, 0.9685, 1.0000
CMYK	0.00, 0.96, 1.00, 0.25
HSL	3°, 100%, 37%
HSV	3°, 100%, 75%
XYZ	21.5724, 11.2500, 1.0326
YIQ	61.8050, 111.6360, 36.3080

Conversions

Conversions Part 2

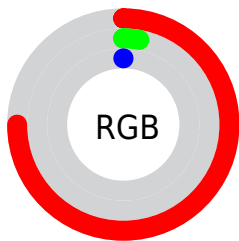
Format	Color
R_{YB}	191, 8, 0
Decimal	12519424
CIE Lab	40.00, 63.62, 54.22
CIE LCh	40, 83.588, 40.437
Yxy	11.2500, 0.6372, 0.3323
Android (android.graphics.Color)	4290709504 (0xFFBF0800)
YUV	61.8050, -30.4699, 113.3040
Hunter-Lab	33.5410, 56.1080, 21.6534

Details

The Yxy color **11.2500, 0.6372, 0.3323** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **37.6105, 0.2211, 0.3158**, and the grayscale version is **4.8241, 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 **11.2509, 0.6372, 0.3323**, and if you desaturate by 10%, it is **11.8775, 0.6172, 0.3335**.

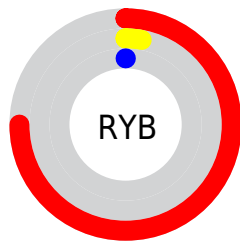
Distribution



Red (75%)

Green (3%)

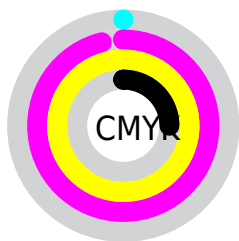
Blue (0%)



Red (75%)

Yellow (3%)

Blue (0%)

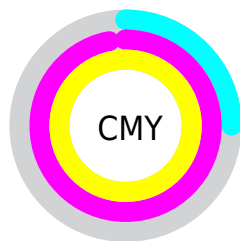


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (97%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2500, 0.6372, 0.3323 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 11.2500, 0.6372, 0.3323 by changing the saturation by 10% instead.


 11.2500, 0.6372,
0.3323


 11.2500, 0.6372,
0.3323


 199.3748, 0.4540,
0.3578


 6.2352, 0.6866,
0.3134


 28.1215, 0.5704,
0.3523


 2.9887, 0.7271,
0.2729


 40.7471, 0.5447,
0.3563

 1.1258, 0.7855,
0.2145

 56.6784, 0.5231,
0.3583

 0.0000, 1.0000,
0.0000


 76.2999, 0.5048,
0.3592

 0.0000, 0.0000,
0.0000

 99.9958, 0.4892,
0.3593


 128.1507, 0.4758,

0.3590

 161.1489, 0.4642,
0.3585


 11.2500, 0.6372,
0.3323


 11.2500, 0.6372,
0.3323

 11.2509, 0.6372,
0.3323

 11.8775, 0.6172,
0.3335

 13.0665, 0.5836,
0.3350

 14.9219, 0.5400,
0.3357

 17.5221, 0.4934,
0.3355

 20.9344, 0.4492,
0.3348

■ 25.2186, 0.4104,
0.3337

■ 30.4291, 0.3780,
0.3325

■ 36.6157, 0.3514,
0.3313

■ 43.8246, 0.3300,
0.3301

Harmonies

Analogous

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



11.2500, 0.5808, 0.2536



11.2500, 0.6372, 0.3323



11.2500, 0.5691, 0.4309

Triad

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



11.2500, 0.6372, 0.3323



11.2500, 0.1729, 0.5951



11.2500, 0.1260, 0.1105

Complementary

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



11.2500, 0.6372, 0.3323



37.6105, 0.2211, 0.3158

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.



11.2500, 0.0803, 0.1223



11.2500, 0.6372, 0.3323



11.2500, 0.0921, 0.3380

Square

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



11.2500, 0.6372, 0.3323



11.2500, 0.3001, 0.6774



11.2500, 0.0687, 0.1810



11.2500, 0.2262, 0.1296

Rectangle

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



11.2500, 0.6372, 0.3323



11.2500, 0.4853, 0.5147



11.2500, 0.0687, 0.1810



11.2500, 0.1061, 0.1107

Sweetspot

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



11.2509, 0.6372, 0.3323



54.0172, 0.3794, 0.3326



14.5636, 0.3294, 0.1588



10.9488, 0.3926, 0.3331



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.



11.2509, 0.6372, 0.3323



20.0640, 0.6380, 0.3317



20.5527, 0.5313, 0.4164



9.5990, 0.3287, 0.3300



7.4238, 0.6364, 0.3329



0.3131, 0.6227, 0.3438

Inverse Universe

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



37.6105, 0.2211, 0.3158



67.2672, 0.2210, 0.3156



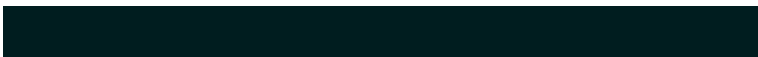
10.9285, 0.1740, 0.1464



10.7388, 0.2985, 0.3280



24.7479, 0.2211, 0.3160



0.9909, 0.2220, 0.3193

Previews

White Background



This preview shows how the Yxy color 11.2500, 0.6372, 0.3323 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 11.2500, 0.6372, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 11.2500, 0.6372, 0.3323.



This preview shows how white text looks on a background with the Yxy color 11.2500, 0.6372, 0.3323.

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

11.2500, 0.6372, 0.3323

Protanopia

11.8077, 0.4240, 0.4708

Deuteranopia

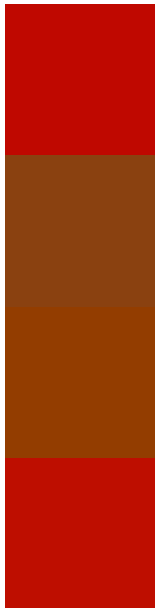
11.7919, 0.4686, 0.4661



Tritanopia

11.3798, 0.6328, 0.3357

Trichromacy



Original Color

11.2500, 0.6372, 0.3323

Protanomaly

9.2213, 0.5350, 0.3958

Deuteranomaly

9.5405, 0.5624, 0.3916

Tritanomaly

11.2612, 0.6348, 0.3342

Monochromacy



Original Color

11.2500, 0.6372, 0.3323

Achromatopsia

4.8172, 0.3127, 0.3290

Achromatomaly

5.0536, 0.4983, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2500, 0.6372, 0.3323 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, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 8, 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, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 8, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2500, 0.6372, 0.3323 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, 8, 0) }
```

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

```
.border{ border-color:rgb(191, 8, 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, 8, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(191, 8, 0); box-shadow:4px  
4px 4px 4px rgb(191, 8, 0) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2500, 0.6372, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 8, 0) }
```

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

```
.background{ background-color: rgb(191, 8,  
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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