

Converting Colors

$Y_{xy}(11.1630, 0.6274, 0.3230)$

Have a look what the booklet for
Yxy(11.1630, 0.6274, 0.3230)
contains.

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Color

Yxy(11.1305, 0.6272, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	BF0015
RGB	191, 0, 21
RGB Percent	75%, 0%, 8%
CMY	0.2510, 0.9997, 0.9175
CMYK	0.00, 1.00, 0.89, 0.25
HSL	353°, 100%, 37%
HSV	353°, 100%, 75%
XYZ	21.6199, 11.1305, 1.7201
YIQ	59.5030, 107.0950, 47.0230

Conversions

Conversions Part 2

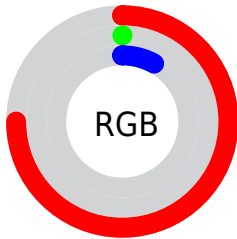
Format	Color
RYB	191, 0, 21
Decimal	12517397
CIELab	39.80, 64.70, 46.02
CIELCh	40, 79.400, 35.424
Yxy	11.1305, 0.6272, 0.3229
Android (android.graphics.Color)	4290707477 (0xFFBF0015)
YUV	59.5030, -18.9820, 115.3229
Hunter-Lab	33.3624, 57.2892, 20.2969

Details

The Yxy color **11.1305, 0.6272, 0.3229** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **40.1618, 0.2343, 0.3635**, and the grayscale version is **4.4689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6998, 0.5572, 0.3410**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.1292, 0.6273, 0.3229**, and if you desaturate by 10%, it is **11.6873, 0.6016, 0.3186**.

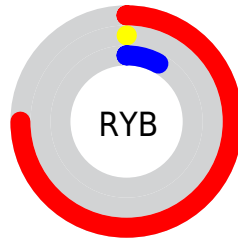
Distribution



Red (75%)

Green (0%)

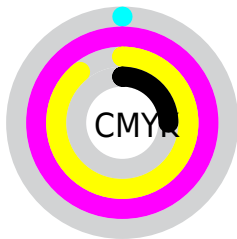
Blue (8%)



Red (75%)

Yellow (0%)

Blue (8%)

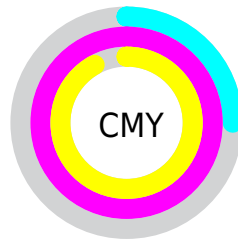


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1305, 0.6272, 0.3229 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 11.1305, 0.6272, 0.3229 by changing the saturation by 10% instead.


 11.1305, 0.6272,
0.3229


 11.1305, 0.6272,
0.3229


198.5607, 0.4445,
0.3486


 6.1547, 0.6771,
0.3044

 27.9012, 0.5577,
0.3412


 2.9394, 0.7310,
0.2690

 40.4649, 0.5320,
0.3451

 1.1002, 0.7900,
0.2100

 56.3267, 0.5108,
0.3473

 0.0000, 1.0000,
0.0000


 75.8710, 0.4930,
0.3484


 0.0000, 0.0000,
0.0000


 99.4821, 0.4780,
0.3489


 127.5445, 0.4652,

0.3490


 160.4426, 0.4541,
0.3489


 11.1305, 0.6272,
0.3229


 11.1305, 0.6272,
0.3229

 11.1292, 0.6273,
0.3229

 11.6873, 0.6016,
0.3186

 12.7556, 0.5647,
0.3149

 14.5075, 0.5212,
0.3133

 17.0323, 0.4769,
0.3135

 20.4057, 0.4361,
0.3152

■ 24.6944, 0.4008,
0.3177

■ 29.9585, 0.3714,
0.3206

■ 36.2530, 0.3475,
0.3235

■ 43.6287, 0.3282,
0.3263

Harmonies

Analogous

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



11.1305, 0.5460, 0.2449



11.1305, 0.6272, 0.3229



11.1305, 0.5830, 0.4170

Triad

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



11.1305, 0.6272, 0.3229



11.1305, 0.1993, 0.6119



11.1305, 0.1209, 0.1160

Complementary

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



11.1305, 0.6272, 0.3229



40.1618, 0.2343, 0.3635

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.



11.1305, 0.0819, 0.1342



11.1305, 0.6272, 0.3229



11.1305, 0.1085, 0.3771

Square

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



11.1305, 0.6272, 0.3229



11.1305, 0.3291, 0.6548



11.1305, 0.0759, 0.2045



11.1305, 0.2087, 0.1298

Rectangle

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



11.1305, 0.6272, 0.3229



11.1305, 0.5068, 0.4932



11.1305, 0.0759, 0.2045



11.1305, 0.1036, 0.1181

Sweetspot

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



11.1312, 0.6272, 0.3229



53.1287, 0.3728, 0.3204



12.1668, 0.2916, 0.1380



10.7432, 0.3848, 0.3192



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.



11.1312, 0.6272, 0.3229



19.9177, 0.6295, 0.3241



15.8752, 0.5746, 0.3819



9.5529, 0.3271, 0.3265



7.3208, 0.6251, 0.3217



0.2925, 0.5792, 0.2964

Inverse Universe

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



11.1312, 0.6272, 0.3229



19.9177, 0.6295, 0.3241



16.6737, 0.1884, 0.1980



9.5529, 0.3271, 0.3265



7.3208, 0.6251, 0.3217



0.2925, 0.5792, 0.2964

Previews

White Background



This preview shows how the Yxy color 11.1305, 0.6272, 0.3229 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 11.1305, 0.6272, 0.3229 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 11.1305, 0.6272, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 11.1305, 0.6272, 0.3229.



This preview shows how white text looks on a background with the Yxy color 11.1305, 0.6272, 0.3229.

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

11.1305, 0.6272, 0.3229

Protanopia

11.8775, 0.4119, 0.4526

Deuteranopia

11.7919, 0.4686, 0.4661

Trichromacy



Original Color

11.1305, 0.6272, 0.3229

Protanomaly

8.9528, 0.5225, 0.3753

Deuteranomaly

9.3485, 0.5612, 0.3846

Monochromacy



Original Color

11.1305, 0.6272, 0.3229

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.7716, 0.4830, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1305, 0.6272, 0.3229 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, 21)` looks like.

```
.text, #text, p{  
  color:rgb(191, 0, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 21) }
```

Border

The CSS property to change the border of an element to Yxy 11.1305, 0.6272, 0.3229 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, 21) }
```

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

```
.border{ border-color:rgb(191, 0, 21) }
```

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, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to Yxy 11.1305, 0.6272, 0.3229 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, 21) }
```

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

```
.background{ background-color: rgb(191, 0,  
21) }
```

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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