

Converting Colors

$Yxy(11.0357, 0.6193, 0.3185)$

Have a look what the booklet for
Yxy(11.0357, 0.6193, 0.3185)
contains.

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Color

Yxy(11.0359, 0.6192, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	BE001D
RGB	190, 0, 29
RGB Percent	75%, 0%, 11%
CMY	0.2549, 0.9996, 0.8865
CMYK	0.00, 1.00, 0.85, 0.25
HSL	351°, 100%, 37%
HSV	351°, 100%, 75%
XYZ	21.4550, 11.0359, 2.1587
YIQ	60.1160, 103.9310, 49.2990

Conversions

Conversions Part 2

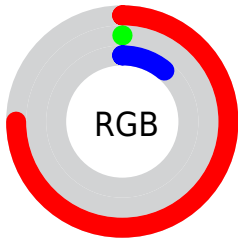
Format	Color
RYB	190, 0, 29
Decimal	12451869
CIELab	39.64, 64.61, 41.80
CIELCh	40, 76.952, 32.904
Yxy	11.0359, 0.6192, 0.3185
Android (android.graphics.Color)	4290641949 (0xFFBE001D)
YUV	60.1160, -15.3402, 113.9083
Hunter-Lab	33.2203, 57.1470, 19.4015

Details

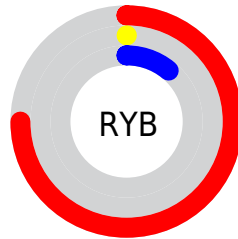
The Yxy color **11.0359, 0.6192, 0.3185** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **39.4017, 0.2382, 0.3776**, and the grayscale version is **4.5538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7890, 0.5499, 0.3359**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.0341, 0.6193, 0.3185**, and if you desaturate by 10%, it is **11.6050, 0.5911, 0.3126**.

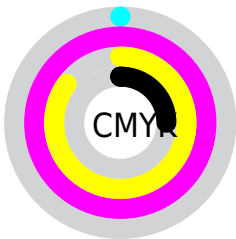
Distribution



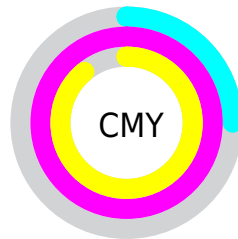
- Red (75%)
- Green (0%)
- Blue (11%)



- Red (75%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0359, 0.6192, 0.3185 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 11.0359, 0.6192, 0.3185 by changing the saturation by 10% instead.


 11.0359, 0.6192,
0.3185


 11.0359, 0.6192,
0.3185


197.9137, 0.4388,
0.3441

 6.0910, 0.6681,
0.2999

 27.7265, 0.5493,
0.3360

 2.9005, 0.7315,
0.2685

 40.2410, 0.5239,
0.3398


 1.0800, 0.7909,
0.2091

 56.0475, 0.5031,
0.3420

 0.0000, 1.0000,
0.0000


 75.5304, 0.4858,
0.3433


 0.0000, 0.0000,
0.0000


 99.0741, 0.4712,
0.3439


 127.0629, 0.4588,


0.3442

 159.8813, 0.4481,
0.3443


 11.0359, 0.6192,
0.3185


 11.0359, 0.6192,
0.3185


 11.0341, 0.6193,
0.3185

 11.6050, 0.5911,
0.3126

 12.6772, 0.5536,
0.3081

 14.4215, 0.5110,
0.3064

 16.9252, 0.4686,
0.3072

 20.2623, 0.4298,
0.3097

■ 24.4980, 0.3964,
0.3132

■ 29.6911, 0.3686,
0.3173

■ 35.8951, 0.3459,
0.3213

■ 43.1600, 0.3275,
0.3253

Harmonies

Analogous

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



11.0359, 0.5273, 0.2410



11.0359, 0.6192, 0.3185



11.0359, 0.5887, 0.4113

Triad

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



11.0359, 0.6192, 0.3185



11.0359, 0.2132, 0.6155



11.0359, 0.1193, 0.1196

Complementary

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



11.0359, 0.6192, 0.3185



39.4017, 0.2382, 0.3776

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.



11.0359, 0.0836, 0.1413



11.0359, 0.6192, 0.3185



11.0359, 0.1181, 0.3960

Square

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



11.0359, 0.6192, 0.3185



11.0359, 0.3433, 0.6415



11.0359, 0.0807, 0.2177



11.0359, 0.2014, 0.1309

Rectangle

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



11.0359, 0.6192, 0.3185



11.0359, 0.5164, 0.4836



11.0359, 0.0807, 0.2177



11.0359, 0.1033, 0.1227

Sweetspot

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



11.0366, 0.6192, 0.3185



53.2590, 0.3700, 0.3170



11.0233, 0.2790, 0.1311



10.7738, 0.3813, 0.3153



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.



11.0366, 0.6192, 0.3185



19.9751, 0.6221, 0.3201



14.5452, 0.5880, 0.3713



9.5594, 0.3265, 0.3255



7.3453, 0.6168, 0.3171



0.2953, 0.5596, 0.2856

Inverse Universe

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



11.0366, 0.6192, 0.3185



19.9751, 0.6221, 0.3201



18.8176, 0.1934, 0.2160



9.5594, 0.3265, 0.3255



7.3453, 0.6168, 0.3171



0.2953, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 11.0359, 0.6192, 0.3185 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 11.0359, 0.6192, 0.3185 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 11.0359, 0.6192, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 11.0359, 0.6192, 0.3185.



This preview shows how white text looks on a background with the Yxy color 11.0359, 0.6192, 0.3185.

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

11.0359, 0.6192, 0.3185

Protanopia

11.6351, 0.3993, 0.4366

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.2197, 0.6333, 0.3354

Trichromacy



Original Color

11.0359, 0.6192, 0.3185

Protanomaly

8.8091, 0.5104, 0.3635

Deuteranomaly

9.1613, 0.5603, 0.3823

Tritanomaly

11.0823, 0.6302, 0.3299

Monochromacy



Original Color

11.0359, 0.6192, 0.3185

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.7338, 0.4723, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0359, 0.6192, 0.3185 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(190, 0, 29)` looks like.

```
.text, #text, p{  
  color:rgb(190, 0, 29)  
}
```

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(190, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.0359, 0.6192, 0.3185 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(190, 0, 29) }
```

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

```
.border{ border-color:rgb(190, 0, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 0, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 29);  
box-shadow:4px 4px 4px 4px rgb(190, 0, 29)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0359, 0.6192, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 29) }
```

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

```
.background{ background-color: rgb(190, 0,  
29) }
```

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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