

Converting Colors

$Y_{xy}(11.5160, 0.6201, 0.3241)$

Have a look what the booklet for
Yxy(11.5160, 0.6201, 0.3241)
contains.

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Color

Yxy(11.5160, 0.6201, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	C00B19
RGB	192, 11, 25
RGB Percent	75%, 4%, 10%
CMY	0.2471, 0.9567, 0.9019
CMYK	0.00, 0.94, 0.87, 0.25
HSL	355°, 89%, 40%
HSV	355°, 94%, 75%
XYZ	22.0335, 11.5160, 1.9827
YIQ	66.7150, 103.3820, 42.7260

Conversions

Conversions Part 2

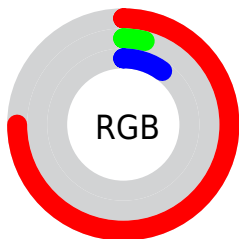
Format	Color
RYB	192, 11, 25
Decimal	12585753
CIELab	40.44, 63.89, 44.69
CIELCh	40, 77.968, 34.970
Yxy	11.5160, 0.6201, 0.3241
Android (android.graphics.Color)	4290775833 (0xFFC00B19)
YUV	66.7150, -20.5655, 109.8749
Hunter-Lab	33.9352, 56.5102, 20.2906

Details

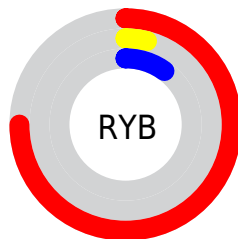
The Yxy color **11.5160, 0.6201, 0.3241** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **40.9848, 0.2317, 0.3514**, and the grayscale version is **5.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3705, 0.5500, 0.3414**, and **4.6671, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2404, 0.6320, 0.3255**, and if you desaturate by 10%, it is **12.3192, 0.5895, 0.3208**.

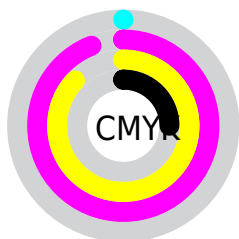
Distribution



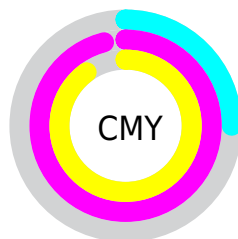
- Red (75%)
- Green (4%)
- Blue (10%)



- Red (75%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (87%)
- Black (25%)





- Cyan (25%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5160, 0.6201, 0.3241 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 11.5160, 0.6201, 0.3241 by changing the saturation by 10% instead.


 11.5160, 0.6201,
0.3241


 11.5160, 0.6201,
0.3241


201.1742, 0.4413,
0.3477

 6.4150, 0.6679,
0.3061


 28.6105, 0.5517,
0.3411


 3.0991, 0.7258,
0.2742

 41.3728, 0.5266,
0.3446


 1.1837, 0.7832,
0.2168

 57.4576, 0.5059,
0.3466

 0.0483, 0.9747,
0.0253

 77.2494, 0.4885,
0.3476


 0.0000, 1.0000,
0.0000


 101.1326, 0.4739,
0.3480


 0.0000, 0.0000,
0.0000


 129.4915, 0.4614,


0.3481

 162.7106, 0.4507,
0.3480

 11.5160, 0.6201,
0.3241

 11.5160, 0.6201,
0.3241


 11.2404, 0.6320,
0.3255

 12.3192, 0.5895,
0.3208

 13.7704, 0.5482,
0.3188

 15.9700, 0.5026,
0.3182

 19.0007, 0.4585,
0.3189

 22.9343, 0.4192,
0.3203

■ 27.8347, 0.3860,
0.3222

■ 33.7603, 0.3588,
0.3243

■ 40.7646, 0.3368,
0.3263

■ 48.8975, 0.3191,
0.3282

Harmonies

Analogous

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



11.5160, 0.5376, 0.2463



11.5160, 0.6201, 0.3241



11.5160, 0.5819, 0.4181

Triad

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



11.5160, 0.6201, 0.3241



11.5160, 0.2053, 0.6046



11.5160, 0.1234, 0.1196

Complementary

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



11.5160, 0.6201, 0.3241



40.9848, 0.2317, 0.3514

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.



11.5160, 0.0851, 0.1386



11.5160, 0.6201, 0.3241



11.5160, 0.1139, 0.3800

Square

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



11.5160, 0.6201, 0.3241



11.5160, 0.3330, 0.6442



11.5160, 0.0800, 0.2099



11.5160, 0.2094, 0.1329

Rectangle

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



11.5160, 0.6201, 0.3241



11.5160, 0.5081, 0.4919



11.5160, 0.0800, 0.2099



11.5160, 0.1064, 0.1219

Sweetspot

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



11.5167, 0.6201, 0.3241



56.4361, 0.3695, 0.3234



13.3834, 0.3012, 0.1453



11.1294, 0.3817, 0.3225



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.



11.5167, 0.6201, 0.3241



20.3537, 0.6338, 0.3265



17.9559, 0.5521, 0.3940



10.0902, 0.3277, 0.3273



7.5683, 0.6304, 0.3246



0.3314, 0.5976, 0.3066

Inverse Universe

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



11.5167, 0.6201, 0.3241



20.3537, 0.6338, 0.3265



16.5058, 0.1885, 0.1949



10.0902, 0.3277, 0.3273



7.5683, 0.6304, 0.3246



0.3314, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 11.5160, 0.6201, 0.3241 looks on a white background.

Color Contrast Check

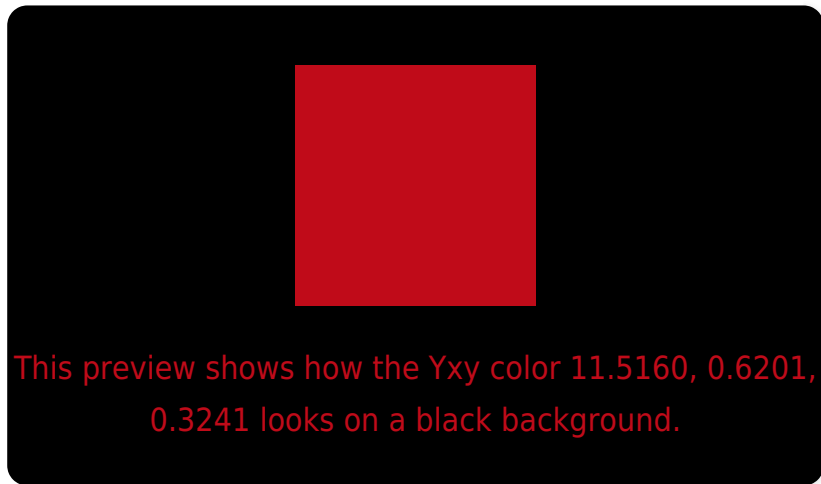
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5160, 0.6201, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 11.5160, 0.6201, 0.3241.



This preview shows how white text looks on a background with the Yxy color 11.5160, 0.6201, 0.3241.

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

11.5160, 0.6201, 0.3241

Protanopia

11.9047, 0.4074, 0.4459

Deuteranopia

11.8652, 0.4701, 0.4650



Tritanopia

11.4773, 0.6334, 0.3352

Trichromacy



Original Color

11.5160, 0.6201, 0.3241

Protanomaly

9.5128, 0.5114, 0.3767

Deuteranomaly

9.8706, 0.5542, 0.3896

Tritanomaly

11.4377, 0.6298, 0.3319

Monochromacy



Original Color

11.5160, 0.6201, 0.3241

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.7257, 0.4632, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5160, 0.6201, 0.3241 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(192, 11, 25)` looks like.

```
.text, #text, p{  
    color:rgb(192, 11, 25)  
}
```

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(192, 11, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 11, 25) }
```

Border

The CSS property to change the border of an element to Yxy 11.5160, 0.6201, 0.3241 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(192, 11, 25) }
```

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

```
.border{ border-color:rgb(192, 11, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 11, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 11, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 11, 25);  
box-shadow:4px 4px 4px 4px rgb(192, 11,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5160, 0.6201, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 11, 25) }
```

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

```
.background{ background-color: rgb(192, 11,  
25) }
```

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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