

Converting Colors

$Y_{xy}(11.2757, 0.6027, 0.3094)$

Have a look what the booklet for
Yxy(11.2757, 0.6027, 0.3094)
contains.

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Color

Yxy(11.2435, 0.6025, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	BF002A
RGB	191, 0, 42
RGB Percent	75%, 0%, 16%
CMY	0.2510, 0.9996, 0.8353
CMYK	0.00, 1.00, 0.78, 0.25
HSL	347°, 100%, 37%
HSV	347°, 100%, 75%
XYZ	21.9017, 11.2435, 3.2062
YIQ	61.8970, 100.3540, 53.5540

Conversions

Conversions Part 2

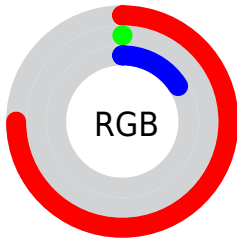
Format	Color
R_{YB}	191, 0, 42
Decimal	12517418
CIE _{Lab}	39.99, 65.21, 34.77
CIE _{LCh}	40, 73.902, 28.066
Yxy	11.2435, 0.6025, 0.3093
Android (android.graphics.Color)	4290707498 (0xFFBF002A)
YUV	61.8970, -9.8092, 113.2233
Hunter-Lab	33.5313, 57.9115, 17.8027

Details

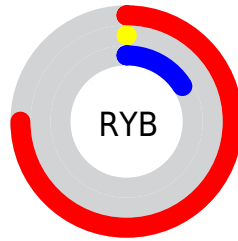
The Yxy color **11.2435, 0.6025, 0.3093** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **39.4301, 0.2448, 0.4011**, and the grayscale version is **4.8134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1511, 0.5330, 0.3255**, and **4.6671, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2415, 0.6026, 0.3093**, and if you desaturate by 10%, it is **11.8418, 0.5720, 0.3016**.

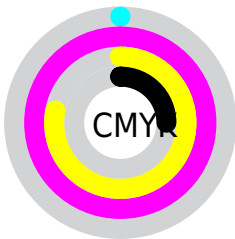
Distribution



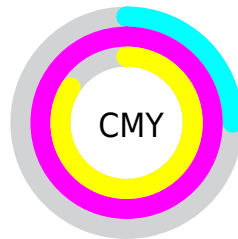
- Red (75%)
- Green (0%)
- Blue (16%)



- Red (75%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2435, 0.6025, 0.3093 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 11.2435, 0.6025, 0.3093 by changing the saturation by 10% instead.


 11.2435, 0.6025,
0.3093


 11.2435, 0.6025,
0.3093


199.3306, 0.4295,
0.3362


 6.2309, 0.6516,
0.2921

 28.1096, 0.5337,
0.3257


 2.9860, 0.7315,
0.2685

 40.7318, 0.5094,
0.3296


 1.1244, 0.7901,
0.2099

 56.6593, 0.4897,
0.3321

 0.0000, 1.0000,
0.0000


 76.2766, 0.4734,
0.3337

 0.0000, 0.0000,
0.0000

 99.9679, 0.4597,
0.3348


 128.1178, 0.4481,

0.3355


 161.1105, 0.4381,
0.3359

 11.2435, 0.6025,
0.3093


 11.2435, 0.6025,
0.3093


 11.2415, 0.6026,
0.3093

 11.8418, 0.5720,
0.3016

 12.9456, 0.5348,
0.2965

 14.7240, 0.4945,
0.2951

 17.2641, 0.4554,
0.2969

 20.6401, 0.4200,
0.3009

■ 24.9170, 0.3895,
0.3061

■ 30.1536, 0.3641,
0.3120

■ 36.4036, 0.3433,
0.3179

■ 43.7168, 0.3264,
0.3236

Harmonies

Analogous

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



11.2435, 0.4933, 0.2329



11.2435, 0.6025, 0.3093



11.2435, 0.5894, 0.3953

Triad

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



11.2435, 0.6025, 0.3093



11.2435, 0.2386, 0.6193



11.2435, 0.1165, 0.1264

Complementary

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



11.2435, 0.6025, 0.3093



39.4301, 0.2448, 0.4011

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.



11.2435, 0.0868, 0.1551



11.2435, 0.6025, 0.3093



11.2435, 0.1367, 0.4303

Square

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



11.2435, 0.6025, 0.3093



11.2435, 0.3681, 0.6176



11.2435, 0.0899, 0.2433



11.2435, 0.1886, 0.1325

Rectangle

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



11.2435, 0.6025, 0.3093



11.2435, 0.5333, 0.4667



11.2435, 0.0899, 0.2433



11.2435, 0.1027, 0.1315

Sweetspot

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



11.2442, 0.6025, 0.3093



53.4736, 0.3654, 0.3117



9.9154, 0.2624, 0.1219



10.8243, 0.3757, 0.3092



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.



11.2442, 0.6025, 0.3093



20.1069, 0.6061, 0.3112



13.4431, 0.6043, 0.3584



9.5697, 0.3255, 0.3240



7.3988, 0.5995, 0.3076



0.2999, 0.5317, 0.2703

Inverse Universe

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



11.2442, 0.6025, 0.3093



20.1069, 0.6061, 0.3112



22.5427, 0.2000, 0.2399



9.5697, 0.3255, 0.3240



7.3988, 0.5995, 0.3076



0.2999, 0.5317, 0.2703

Previews

White Background



This preview shows how the Yxy color 11.2435, 0.6025, 0.3093 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 11.2435, 0.6025, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 11.2435, 0.6025, 0.3093.



This preview shows how white text looks on a background with the Yxy color 11.2435, 0.6025, 0.3093.

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

11.2435, 0.6025, 0.3093

Protanopia

11.9228, 0.3735, 0.4039

Deuteranopia

11.8130, 0.4485, 0.4435



Tritanopia

11.3951, 0.6292, 0.3337

Trichromacy



Original Color

11.2435, 0.6025, 0.3093

Protanomaly

8.9650, 0.4776, 0.3401

Deuteranomaly

9.3544, 0.5342, 0.3646

Tritanomaly

11.2370, 0.6241, 0.3265

Monochromacy



Original Color

11.2435, 0.6025, 0.3093

Achromatopsia

4.8172, 0.3127, 0.3290

Achromatomaly

4.9781, 0.4578, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2435, 0.6025, 0.3093 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 42) }
```

Border

The CSS property to change the border of an element to Yxy 11.2435, 0.6025, 0.3093 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, 42) }
```

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

```
.border{ border-color:rgb(191, 0, 42) }
```

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, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 42)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2435, 0.6025, 0.3093 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, 42) }
```

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

```
.background{ background-color: rgb(191, 0,  
42) }
```

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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