

Converting Colors

$Y_{xy}(11.1840, 0.6309, 0.3249)$

Have a look what the booklet for
Yxy(11.1840, 0.6309, 0.3249)
contains.

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Color

Yxy(11.2439, 0.6312, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C00010
RGB	192, 0, 16
RGB Percent	75%, 0%, 6%
CMY	0.2471, 0.9997, 0.9371
CMYK	0.00, 1.00, 0.92, 0.25
HSL	355°, 100%, 38%
HSV	355°, 100%, 75%
XYZ	21.8307, 11.2439, 1.5114
YIQ	59.2320, 109.2960, 45.6800

Conversions

Conversions Part 2

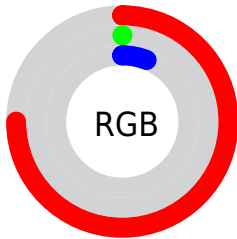
Format	Color
RYB	192, 0, 16
Decimal	12582928
CIELab	39.99, 64.88, 48.47
CIElCh	40, 80.981, 36.761
Yxy	11.2439, 0.6312, 0.3251
Android (android.graphics.Color)	4290773008 (0xFFC00010)
YUV	59.2320, -21.3134, 116.4375
Hunter-Lab	33.5319, 57.5300, 20.7999

Details

The Yxy color **11.2439, 0.6312, 0.3251** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **40.8321, 0.2319, 0.3548**, and the grayscale version is **4.4322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6535, 0.5611, 0.3437**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2428, 0.6313, 0.3251**, and if you desaturate by 10%, it is **11.7940, 0.6074, 0.3219**.

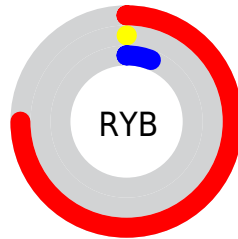
Distribution



Red (75%)

Green (0%)

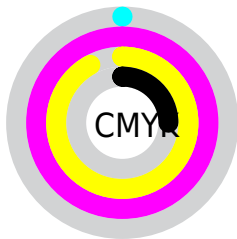
Blue (6%)



Red (75%)

Yellow (0%)

Blue (6%)

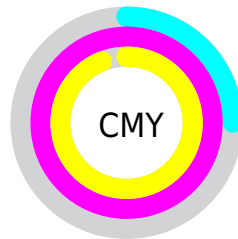


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2439, 0.6312, 0.3251 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 11.2439, 0.6312, 0.3251 by changing the saturation by 10% instead.


 11.2439, 0.6312,
0.3251


 11.2439, 0.6312,
0.3251


 199.3333, 0.4478,
0.3510


 6.2311, 0.6820,
0.3069

 28.1103, 0.5623,
0.3440


 2.9861, 0.7306,
0.2694

 40.7327, 0.5365,
0.3479


 1.1245, 0.7892,
0.2108

 56.6605, 0.5151,
0.3501

 0.0000, 1.0000,
0.0000


 76.2780, 0.4971,
0.3512


 0.0000, 0.0000,
0.0000


 99.9696, 0.4819,
0.3516


 128.1198, 0.4689,

0.3516


 161.1129, 0.4576,
0.3514

 11.2439, 0.6312,
0.3251


 11.2439, 0.6312,
0.3251

 11.2428, 0.6313,
0.3251

 11.7940, 0.6074,
0.3219

 12.8634, 0.5713,
0.3189

 14.6265, 0.5274,
0.3174

 17.1745, 0.4821,
0.3175

 20.5848, 0.4401,
0.3187

■ 24.9254, 0.4036,
0.3205

■ 30.2575, 0.3733,
0.3226

■ 36.6372, 0.3486,
0.3248

■ 44.1162, 0.3287,
0.3270

Harmonies

Analogous

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



11.2439, 0.5562, 0.2469



11.2439, 0.6312, 0.3251



11.2439, 0.5799, 0.4201

Triad

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



11.2439, 0.6312, 0.3251



11.2439, 0.1917, 0.6096



11.2439, 0.1217, 0.1140

Complementary

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



11.2439, 0.6312, 0.3251



40.8321, 0.2319, 0.3548

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.



11.2439, 0.0810, 0.1304



11.2439, 0.6312, 0.3251



11.2439, 0.1034, 0.3668

Square

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



11.2439, 0.6312, 0.3251



11.2439, 0.3212, 0.6621



11.2439, 0.0734, 0.1976



11.2439, 0.2127, 0.1293

Rectangle

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



11.2439, 0.6312, 0.3251



11.2439, 0.5014, 0.4986



11.2439, 0.0734, 0.1976



11.2439, 0.1037, 0.1156

Sweetspot

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



11.2446, 0.6312, 0.3251



54.2812, 0.3747, 0.3225



13.0371, 0.3000, 0.1427



10.7244, 0.3870, 0.3216



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.



11.2446, 0.6312, 0.3251



20.3589, 0.6331, 0.3261



16.9489, 0.5653, 0.3893



10.0912, 0.3276, 0.3271



7.5708, 0.6296, 0.3242



0.3319, 0.5947, 0.3050

Inverse Universe

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



11.2446, 0.6312, 0.3251



20.3589, 0.6331, 0.3261



15.4002, 0.1851, 0.1861



10.0912, 0.3276, 0.3271



7.5708, 0.6296, 0.3242



0.3319, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 11.2439, 0.6312, 0.3251 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 11.2439, 0.6312, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 11.2439, 0.6312, 0.3251.



This preview shows how white text looks on a background with the Yxy color 11.2439, 0.6312, 0.3251.

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

11.2439, 0.6312, 0.3251

Protanopia

11.8473, 0.4170, 0.4603

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.5090, 0.6329, 0.3356

Trichromacy



Original Color

11.2439, 0.6312, 0.3251

Protanomaly

9.0133, 0.5304, 0.3804

Deuteranomaly

9.3441, 0.5625, 0.3856

Tritanomaly

11.3289, 0.6330, 0.3314

Monochromacy



Original Color

11.2439, 0.6312, 0.3251

Achromatopsia

4.3735, 0.3127, 0.3290

Achromatomaly

4.6864, 0.4896, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2439, 0.6312, 0.3251 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, 0, 16)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 16)  
}
```

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, 0, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 16) }
```

Border

The CSS property to change the border of an element to Yxy 11.2439, 0.6312, 0.3251 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, 0, 16) }
```

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

```
.border{ border-color:rgb(192, 0, 16) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(192, 0, 16)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2439, 0.6312, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 16) }
```

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

```
.background{ background-color: rgb(192, 0,  
16) }
```

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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