

Converting Colors

$Y_{xy}(11.4856, 0.6292, 0.3240)$

Have a look what the booklet for
Yxy(11.4856, 0.6292, 0.3240)
contains.

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Color

Yxy(11.5164, 0.6293, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C20013
RGB	194, 0, 19
RGB Percent	76%, 0%, 7%
CMY	0.2392, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.90, 0.24
HSL	354°, 100%, 38%
HSV	354°, 100%, 76%
XYZ	22.3681, 11.5164, 1.6599
YIQ	60.1720, 109.5250, 47.0370

Conversions

Conversions Part 2

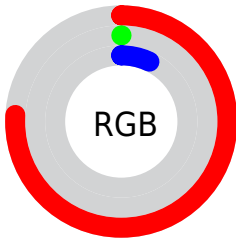
Format	Color
RYB	194, 0, 19
Decimal	12714003
CIELab	40.44, 65.44, 47.71
CIELCh	40, 80.984, 36.099
Yxy	11.5164, 0.6293, 0.3240
Android (android.graphics.Color)	4290904083 (0xFFC20013)
YUV	60.1720, -20.2978, 117.3672
Hunter-Lab	33.9358, 58.2670, 20.8550

Details

The Yxy color **11.5164, 0.6293, 0.3240** 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 **41.6847, 0.2332, 0.3596**, and the grayscale version is **4.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8282, 0.5584, 0.3431**, and **4.7458, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.5179, 0.6293, 0.3240**, and if you desaturate by 10%, it is **12.0808, 0.6046, 0.3201**.

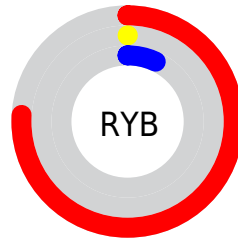
Distribution



Red (76%)

Green (0%)

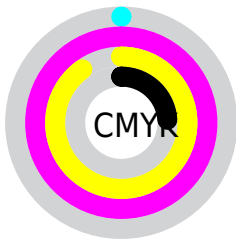
Blue (7%)



Red (76%)

Yellow (0%)

Blue (7%)

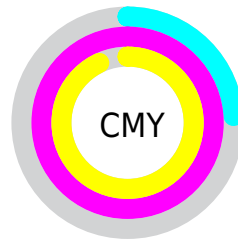


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (100%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5164, 0.6293, 0.3240 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 11.5164, 0.6293, 0.3240 by changing the saturation by 10% instead.


 11.5164, 0.6293,
0.3240


 11.5164, 0.6293,
0.3240


 201.1769, 0.4470,
0.3498


 6.4153, 0.6786,
0.3056


 28.6112, 0.5606,
0.3425


 3.0992, 0.7299,
0.2701

 41.3737, 0.5350,
0.3464


 1.1838, 0.7876,
0.2124

 57.4588, 0.5138,
0.3486

 0.0484, 0.9755,
0.0245

 77.2509, 0.4959,
0.3498


 0.0000, 1.0000,
0.0000


 101.1343, 0.4808,
0.3502


 0.0000, 0.0000,
0.0000


 129.4935, 0.4679,


0.3503


 162.7129, 0.4567,
0.3501


 11.5164, 0.6293,
0.3240


 11.5164, 0.6293,
0.3240


 11.5179, 0.6293,
0.3240

 12.0808, 0.6046,
0.3201

 13.1754, 0.5682,
0.3167

 14.9790, 0.5245,
0.3151

 17.5851, 0.4796,
0.3153

 21.0726, 0.4382,
0.3167

■ 25.5112, 0.4023,
0.3189

■ 30.9636, 0.3724,
0.3215

■ 37.4870, 0.3481,
0.3241

■ 45.1345, 0.3285,
0.3266

Harmonies

Analogous

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



11.5164, 0.5512, 0.2459



11.5164, 0.6293, 0.3240



11.5164, 0.5815, 0.4185

Triad

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



11.5164, 0.6293, 0.3240



11.5164, 0.1955, 0.6109



11.5164, 0.1212, 0.1149

Complementary

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



11.5164, 0.6293, 0.3240



41.6847, 0.2332, 0.3596

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.



11.5164, 0.0814, 0.1323



11.5164, 0.6293, 0.3240



11.5164, 0.1058, 0.3720

Square

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



11.5164, 0.6293, 0.3240



11.5164, 0.3249, 0.6580



11.5164, 0.0746, 0.2010



11.5164, 0.2107, 0.1295

Rectangle

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



11.5164, 0.6293, 0.3240



11.5164, 0.5041, 0.4959



11.5164, 0.0746, 0.2010



11.5164, 0.1036, 0.1168

Sweetspot

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



11.5179, 0.6293, 0.3240



55.5776, 0.3737, 0.3213



12.9646, 0.2958, 0.1403



11.1984, 0.3860, 0.3202



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.5179, 0.6293, 0.3240



20.8485, 0.6313, 0.3251



16.8637, 0.5702, 0.3854



10.0936, 0.3274, 0.3268



7.5774, 0.6273, 0.3230



0.3329, 0.5875, 0.3010

Inverse Universe

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



11.5179, 0.6293, 0.3240



20.8485, 0.6313, 0.3251



16.4805, 0.1866, 0.1919



10.0936, 0.3274, 0.3268



7.5774, 0.6273, 0.3230



0.3329, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 11.5164, 0.6293, 0.3240 looks on a white background.

Color Contrast Check

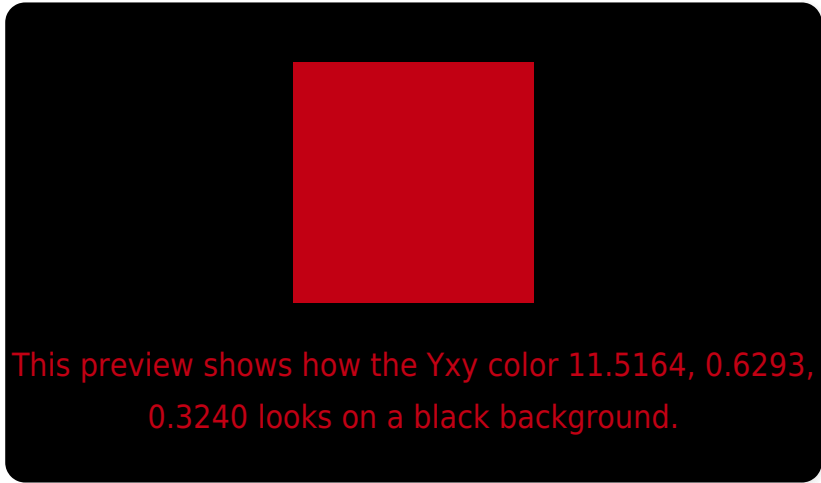
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5164, 0.6293, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 11.5164, 0.6293, 0.3240.



This preview shows how white text looks on a background with the Yxy color 11.5164, 0.6293, 0.3240.

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

11.5164, 0.6293, 0.3240

Protanopia

12.1139, 0.4143, 0.4565

Deuteranopia

12.1138, 0.4696, 0.4653



Tritanopia

11.7701, 0.6331, 0.3355

Trichromacy



Original Color

11.5164, 0.6293, 0.3240

Protanomaly

9.1144, 0.5278, 0.3766

Deuteranomaly

9.5328, 0.5636, 0.3839

Tritanomaly

11.5921, 0.6326, 0.3311

Monochromacy



Original Color

11.5164, 0.6293, 0.3240

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.8269, 0.4878, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5164, 0.6293, 0.3240 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(194, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 19)  
}
```

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(194, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 19) }
```

Border

The CSS property to change the border of an element to Yxy 11.5164, 0.6293, 0.3240 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(194, 0, 19) }
```

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

```
.border{ border-color:rgb(194, 0, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 0, 19)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5164, 0.6293, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 19) }
```

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

```
.background{ background-color: rgb(194, 0,  
19) }
```

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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