

Converting Colors

$Y_{xy}(11.7566, 0.6209, 0.3240)$

Have a look what the booklet for
Yxy(11.7566, 0.6209, 0.3240)
contains.

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Color

Yxy(11.7566, 0.6209, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C20A19
RGB	194, 10, 25
RGB Percent	76%, 4%, 10%
CMY	0.2393, 0.9604, 0.9021
CMYK	0.00, 0.95, 0.87, 0.24
HSL	355°, 90%, 40%
HSV	355°, 95%, 76%
XYZ	22.5299, 11.7566, 1.9993
YIQ	66.7260, 104.8490, 43.6730

Conversions

Conversions Part 2

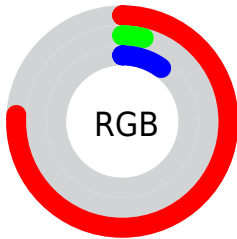
Format	Color
RYB	194, 10, 25
Decimal	12716569
CIELab	40.83, 64.50, 45.21
CIElCh	41, 78.766, 35.030
Yxy	11.7566, 0.6209, 0.3240
Android (android.graphics.Color)	4290906649 (0xFFC20A19)
YUV	66.7260, -20.5709, 111.6193
Hunter-Lab	34.2879, 57.2848, 20.5443

Details

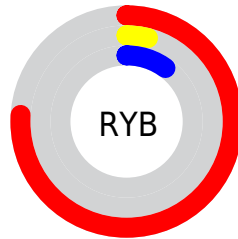
The Yxy color **11.7566, 0.6209, 0.3240** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **41.9041, 0.2320, 0.3527**, and the grayscale version is **5.5974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3705, 0.5500, 0.3414**, and **4.7458, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.5043, 0.6317, 0.3253**, and if you desaturate by 10%, it is **12.5446, 0.5909, 0.3205**.

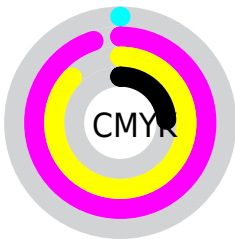
Distribution



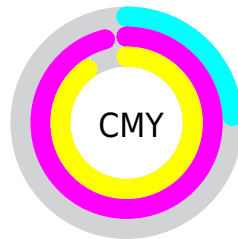
- Red (76%)
- Green (4%)
- Blue (10%)



- Red (76%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (95%)
- Yellow (87%)
- Black (24%)




- Cyan (24%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7566, 0.6209, 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 11.7566, 0.6209, 0.3240 by changing the saturation by 10% instead.


 11.7566, 0.6209,
0.3240


 11.7566, 0.6209,
0.3240


202.7872, 0.4423,
0.3478


 6.5782, 0.6682,
0.3060


 29.0510, 0.5528,
0.3410


 3.1997, 0.7255,
0.2745

 41.9358, 0.5278,
0.3446


 1.2369, 0.7823,
0.2177

 58.1581, 0.5070,
0.3466

 0.0915, 0.9553,
0.0447

 78.1024, 0.4897,
0.3477


 0.0000, 1.0000,
0.0000


 102.1531, 0.4750,
0.3481

 0.0000, 0.0000,
0.0000


 130.6945, 0.4625,


0.3482

 164.1111, 0.4517,
0.3481


 11.7566, 0.6209,
0.3240


 11.7566, 0.6209,
0.3240


 11.5043, 0.6317,
0.3253

 12.5446, 0.5909,
0.3205

 13.9896, 0.5500,
0.3183

 16.1958, 0.5045,
0.3177

 19.2488, 0.4603,
0.3183

 23.2225, 0.4209,
0.3198

■ 28.1830, 0.3874,
0.3218

■ 34.1903, 0.3600,
0.3239

■ 41.2994, 0.3378,
0.3261

■ 49.5617, 0.3200,
0.3281

Harmonies

Analogous

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



11.7566, 0.5386, 0.2462



11.7566, 0.6209, 0.3240



11.7566, 0.5820, 0.4180

Triad

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



11.7566, 0.6209, 0.3240



11.7566, 0.2046, 0.6053



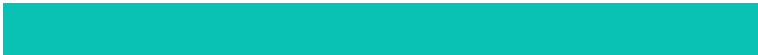
11.7566, 0.1231, 0.1192

Complementary

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



11.7566, 0.6209, 0.3240



41.9041, 0.2320, 0.3527

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.



11.7566, 0.0848, 0.1381



11.7566, 0.6209, 0.3240



11.7566, 0.1133, 0.3796

Square

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



11.7566, 0.6209, 0.3240



11.7566, 0.3324, 0.6450



11.7566, 0.0795, 0.2093



11.7566, 0.2094, 0.1325

Rectangle

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



11.7566, 0.6209, 0.3240



11.7566, 0.5079, 0.4921



11.7566, 0.0795, 0.2093



11.7566, 0.1061, 0.1215

Sweetspot

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



11.7574, 0.6209, 0.3240



57.7471, 0.3694, 0.3231



13.6579, 0.3011, 0.1450



11.6133, 0.3817, 0.3222



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.



11.7574, 0.6209, 0.3240



20.8315, 0.6334, 0.3263



18.2621, 0.5535, 0.3935



10.0908, 0.3276, 0.3272



7.5698, 0.6299, 0.3244



0.3317, 0.5959, 0.3056

Inverse Universe

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



11.7574, 0.6209, 0.3240



20.8315, 0.6334, 0.3263



16.7693, 0.1882, 0.1940



10.0908, 0.3276, 0.3272



7.5698, 0.6299, 0.3244



0.3317, 0.5959, 0.3056

Previews

White Background



This preview shows how the Yxy color 11.7566, 0.6209, 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 11.7566, 0.6209, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 11.7566, 0.6209, 0.3240.



This preview shows how white text looks on a background with the Yxy color 11.7566, 0.6209, 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

11.7566, 0.6209, 0.3240

Protanopia

12.1537, 0.4078, 0.4469

Deuteranopia

12.1138, 0.4696, 0.4653



Tritanopia

11.7384, 0.6336, 0.3351

Trichromacy



Original Color

11.7566, 0.6209, 0.3240

Protanomaly

9.5993, 0.5127, 0.3762

Deuteranomaly

9.9643, 0.5551, 0.3890

Tritanomaly

11.6713, 0.6304, 0.3315

Monochromacy



Original Color

11.7566, 0.6209, 0.3240

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.7126, 0.4663, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7566, 0.6209, 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, 10, 25)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 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(194, 10, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 25) }
```

Border

The CSS property to change the border of an element to Yxy 11.7566, 0.6209, 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, 10, 25) }
```

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

```
.border{ border-color:rgb(194, 10, 25) }
```

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

Here you see how a box with a 4 pixel rgb(194, 10, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 25);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7566, 0.6209, 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, 10, 25) }
```

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

```
.background{ background-color: rgb(194, 10,  
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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