

Converting Colors

$Yxy(11.9660, 0.6363, 0.3317)$

Have a look what the booklet for
Yxy(11.9660, 0.6363, 0.3317)
contains.

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Color

Yxy(11.9138, 0.6363, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	C40802
RGB	196, 8, 2
RGB Percent	77%, 3%, 1%
CMY	0.2314, 0.9683, 0.9920
CMYK	0.00, 0.96, 0.99, 0.23
HSL	2°, 98%, 39%
HSV	2°, 99%, 77%
XYZ	22.8611, 11.9138, 1.1533
YIQ	63.5280, 113.9740, 37.9900

Conversions

Conversions Part 2

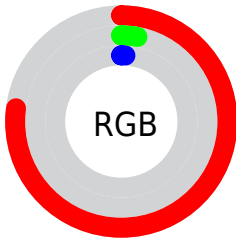
Format	Color
RYB	196, 8, 2
Decimal	12847106
CIELab	41.08, 64.92, 54.49
CIElCh	41, 84.757, 40.007
Yxy	11.9138, 0.6363, 0.3316
Android (android.graphics.Color)	4291037186 (0xFFC40802)
YUV	63.5280, -30.3333, 116.1779
Hunter-Lab	34.5164, 57.8217, 22.1804

Details

The Yxy color **11.9138, 0.6363, 0.3316** 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 **40.7992, 0.2222, 0.3193**, and the grayscale version is **5.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0140, 0.5674, 0.3522**, and **4.9055, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.8671, 0.6380, 0.3316**, and if you desaturate by 10%, it is **12.5785, 0.6161, 0.3326**.

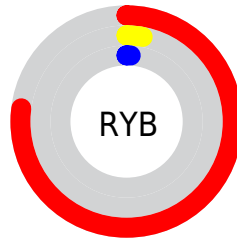
Distribution



Red (77%)

Green (3%)

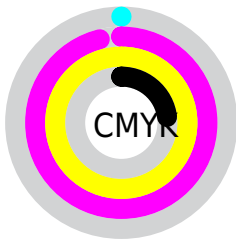
Blue (1%)



Red (77%)

Yellow (3%)

Blue (1%)

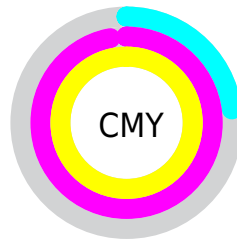


Cyan (0%)

Magenta (96%)

Yellow (99%)

Black (23%)



Cyan (23%)


Magenta (97%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9138, 0.6363, 0.3316 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 11.9138, 0.6363, 0.3316 by changing the saturation by 10% instead.


 11.9138, 0.6363,
0.3316


 11.9138, 0.6363,
0.3316


 203.8338, 0.4547,
0.3571


 6.6850, 0.6861,
0.3139


 29.3380, 0.5702,
0.3512

 3.2659, 0.7255,
0.2745

 42.3022, 0.5448,
0.3552


 1.2721, 0.7818,
0.2182

 58.6137, 0.5234,
0.3573

 0.1194, 0.9442,
0.0558

 78.6568, 0.5052,
0.3582


 0.0000, 1.0000,
0.0000


 102.8160, 0.4898,
0.3584


 0.0000, 0.0000,
0.0000

 131.4756, 0.4764,


0.3582


 165.0201, 0.4648,
0.3577

 11.9138, 0.6363,
0.3316

 11.9138, 0.6363,
0.3316


 11.8671, 0.6380,
0.3316

 12.5785, 0.6161,
0.3326

 13.8555, 0.5815,
0.3337

 15.8565, 0.5372,
0.3341

 18.6674, 0.4902,
0.3339

 22.3618, 0.4460,
0.3333

■ 27.0051, 0.4074,
0.3325

■ 32.6568, 0.3753,
0.3316

■ 39.3711, 0.3491,
0.3306

■ 47.1987, 0.3281,
0.3297

Harmonies

Analogous

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



11.9138, 0.5776, 0.2530



11.9138, 0.6363, 0.3316



11.9138, 0.5703, 0.4297

Triad

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



11.9138, 0.6363, 0.3316



11.9138, 0.1754, 0.5965



11.9138, 0.1257, 0.1111

Complementary

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



11.9138, 0.6363, 0.3316



40.7992, 0.2222, 0.3193

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.



11.9138, 0.0806, 0.1234



11.9138, 0.6363, 0.3316



11.9138, 0.0936, 0.3414

Square

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



11.9138, 0.6363, 0.3316



11.9138, 0.3024, 0.6742



11.9138, 0.0694, 0.1831



11.9138, 0.2247, 0.1297

Rectangle

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



11.9138, 0.6363, 0.3316



11.9138, 0.4873, 0.5127



11.9138, 0.0694, 0.1831



11.9138, 0.1060, 0.1115

Sweetspot

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



11.9146, 0.6363, 0.3316



57.4960, 0.3798, 0.3317



15.6182, 0.3251, 0.1568



11.3450, 0.3932, 0.3321



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.



11.9146, 0.6363, 0.3316



21.4327, 0.6386, 0.3312



21.2906, 0.5344, 0.4130



10.1271, 0.3288, 0.3298



7.6495, 0.6374, 0.3321



0.3483, 0.6277, 0.3398

Inverse Universe

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



40.7992, 0.2222, 0.3193



73.7694, 0.2220, 0.3190



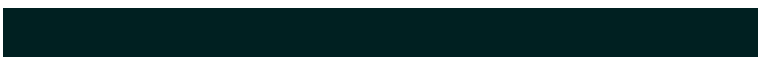
12.3246, 0.1762, 0.1534



11.3728, 0.2984, 0.3282



26.2167, 0.2220, 0.3193



1.1499, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 11.9138, 0.6363, 0.3316 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 11.9138, 0.6363, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 11.9138, 0.6363, 0.3316.



This preview shows how white text looks on a background with the Yxy color 11.9138, 0.6363, 0.3316.

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

11.9138, 0.6363, 0.3316

Protanopia

12.3734, 0.4258, 0.4708

Deuteranopia

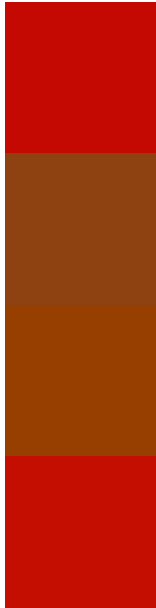
12.3654, 0.4692, 0.4656



Tritanopia

12.0347, 0.6332, 0.3354

Trichromacy



Original Color

11.9138, 0.6363, 0.3316

Protanomaly

9.6877, 0.5369, 0.3939

Deuteranomaly

10.1365, 0.5616, 0.3914

Tritanomaly

11.9184, 0.6346, 0.3337

Monochromacy



Original Color

11.9138, 0.6363, 0.3316

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.4062, 0.4955, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9138, 0.6363, 0.3316 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(196, 8, 2)` looks like.

```
.text, #text, p{  
    color:rgb(196, 8, 2)  
}
```

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(196, 8, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 8, 2) }
```

Border

The CSS property to change the border of an element to Yxy 11.9138, 0.6363, 0.3316 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(196, 8, 2) }
```

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

```
.border{ border-color:rgb(196, 8, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 8, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 8, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(196, 8, 2); box-shadow:4px  
4px 4px 4px rgb(196, 8, 2) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9138, 0.6363, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 8, 2) }
```

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

```
.background{ background-color: rgb(196, 8,  
2) }
```

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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