

Converting Colors

$Y_{xy}(11.3907, 0.6348, 0.3317)$

Have a look what the booklet for
Yxy(11.3907, 0.6348, 0.3317)
contains.

Yxy(11.4323, 0.6344, 0.3317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.4323, 0.6344, 0.3317)

Conversions

Conversions Part 1	
Format	Color
Hex	C00A04
RGB	192, 10, 4
RGB Percent	75%, 4%, 2%
CMY	0.2471, 0.9602, 0.9844
CMYK	0.00, 0.95, 0.98, 0.25
HSL	2°, 96%, 38%
HSV	2°, 98%, 75%
XYZ	21.8651, 11.4323, 1.1684
YIQ	63.7340, 110.3980, 36.7180

Conversions

Conversions Part 2

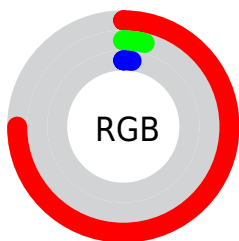
Format	Color
RYB	192, 10, 4
Decimal	12585476
CIELab	40.30, 63.70, 52.95
CIELCh	40, 82.834, 39.738
Yxy	11.4323, 0.6344, 0.3317
Android (android.graphics.Color)	4290775556 (0xFFC00A04)
YUV	63.7340, -29.4489, 112.4893
Hunter-Lab	33.8117, 56.2606, 21.6194

Details

The Yxy color **11.4323, 0.6344, 0.3317** 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 **38.8667, 0.2222, 0.3189**, and the grayscale version is **5.1302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0233, 0.5666, 0.3516**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.3408, 0.6378, 0.3318**, and if you desaturate by 10%, it is **12.1315, 0.6126, 0.3329**.

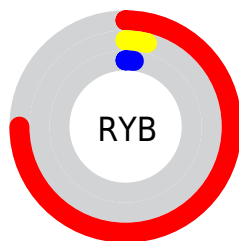
Distribution



Red (75%)

Green (4%)

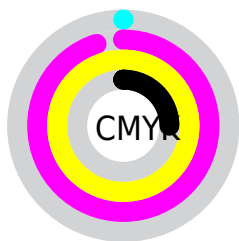
Blue (2%)



Red (75%)

Yellow (4%)

Blue (2%)

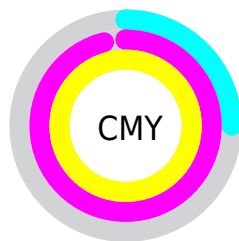


Cyan (0%)

Magenta (95%)

Yellow (98%)

Black (25%)



Cyan (25%)


Magenta (96%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4323, 0.6344, 0.3317 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 11.4323, 0.6344, 0.3317 by changing the saturation by 10% instead.


 11.4323, 0.6344,
0.3317


 11.4323, 0.6344,
0.3317


 200.6098, 0.4522,
0.3564


 6.3584, 0.6857,
0.3143


 28.4568, 0.5675,
0.3510


 3.0642, 0.7259,
0.2741


 41.1763, 0.5419,
0.3549

 1.1653, 0.7836,
0.2164


 57.2130, 0.5205,
0.3568

 0.0331, 0.9822,
0.0178

 76.9514, 0.5023,
0.3577

 0.0000, 1.0000,
0.0000


 100.7759, 0.4869,
0.3578


 0.0000, 0.0000,
0.0000

 129.0709, 0.4737,


0.3576


 162.2207, 0.4622,
0.3571


 11.4323, 0.6344,
0.3317


 11.4323, 0.6344,
0.3317


 11.3408, 0.6378,
0.3318


 12.1315, 0.6126,
0.3329

 13.4298, 0.5766,
0.3340

 15.4264, 0.5317,
0.3344


 18.2008, 0.4849,
0.3341

 21.8216, 0.4413,
0.3335

 26.3501, 0.4036,
0.3326

 31.8418, 0.3722,
0.3316

 38.3477, 0.3467,
0.3306

 45.9153, 0.3261,
0.3297

Harmonies

Analogous

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



11.4323, 0.5742, 0.2531



11.4323, 0.6344, 0.3317



11.4323, 0.5706, 0.4294

Triad

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



11.4323, 0.6344, 0.3317



11.4323, 0.1778, 0.5955



11.4323, 0.1261, 0.1121

Complementary

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



11.4323, 0.6344, 0.3317



38.8667, 0.2222, 0.3189

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.



11.4323, 0.0814, 0.1249



11.4323, 0.6344, 0.3317



11.4323, 0.0955, 0.3437

Square

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



11.4323, 0.6344, 0.3317



11.4323, 0.3049, 0.6714



11.4323, 0.0706, 0.1851



11.4323, 0.2242, 0.1305

Rectangle

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



11.4323, 0.6344, 0.3317



11.4323, 0.4885, 0.5115



11.4323, 0.0706, 0.1851



11.4323, 0.1066, 0.1126

Sweetspot

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



11.4330, 0.6344, 0.3317



56.0625, 0.3766, 0.3317



14.9578, 0.3250, 0.1571



11.0872, 0.3898, 0.3322



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.



11.4330, 0.6344, 0.3317



20.4837, 0.6384, 0.3313



20.5418, 0.5321, 0.4137



10.1297, 0.3288, 0.3298



7.6553, 0.6373, 0.3322



0.3494, 0.6270, 0.3403

Inverse Universe

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



38.8667, 0.2222, 0.3189



70.2171, 0.2218, 0.3185



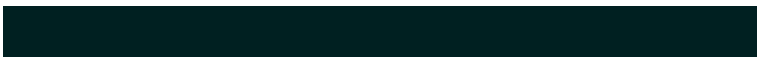
11.9871, 0.1770, 0.1555



11.3699, 0.2984, 0.3282



26.1281, 0.2219, 0.3188



1.1470, 0.2226, 0.3212

Previews

White Background



This preview shows how the Yxy color 11.4323, 0.6344, 0.3317 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



This preview shows how the Yxy color 11.4323, 0.6344, 0.3317 looks on a 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 11.4323, 0.6344, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 11.4323, 0.6344, 0.3317.



This preview shows how white text looks on a background with the Yxy color 11.4323, 0.6344, 0.3317.

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

11.4323, 0.6344, 0.3317

Protanopia

11.8708, 0.4256, 0.4697

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.4773, 0.6334, 0.3352

Trichromacy



Original Color

11.4323, 0.6344, 0.3317

Protanomaly

9.3100, 0.5353, 0.3943

Deuteranomaly

9.6505, 0.5599, 0.3927

Tritanomaly

11.4202, 0.6339, 0.3342

Monochromacy



Original Color

11.4323, 0.6344, 0.3317

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.3480, 0.4912, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4323, 0.6344, 0.3317 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, 10, 4)` looks like.

```
.text, #text, p{  
    color:rgb(192, 10, 4)  
}
```

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, 10, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 10, 4) }
```

Border

The CSS property to change the border of an element to Yxy 11.4323, 0.6344, 0.3317 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, 10, 4) }
```

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

```
.border{ border-color:rgb(192, 10, 4) }
```

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

Here you see how a box with a 4 pixel rgb(192, 10, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 10, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 10, 4);  
box-shadow:4px 4px 4px 4px rgb(192, 10, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4323, 0.6344, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 10, 4) }
```

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

```
.background{ background-color: rgb(192, 10,  
4) }
```

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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