

Converting Colors

$Yxy(11.7624, 0.6340, 0.3267)$

Have a look what the booklet for
Yxy(11.7624, 0.6340, 0.3267)
contains.

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Color

Yxy(11.7623, 0.6341, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C4000C
RGB	196, 0, 12
RGB Percent	77%, 0%, 5%
CMY	0.2314, 0.9997, 0.9534
CMYK	0.00, 1.00, 0.94, 0.23
HSL	356°, 100%, 38%
HSV	356°, 100%, 77%
XYZ	22.8297, 11.7623, 1.4113
YIQ	59.9720, 112.9640, 45.2840

Conversions

Conversions Part 2

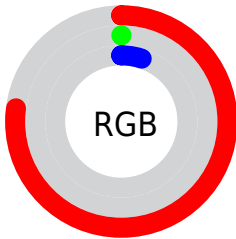
Format	Color
RYB	196, 0, 12
Decimal	12845068
CIELab	40.84, 65.83, 51.01
CIELCh	41, 83.278, 37.774
Yxy	11.7623, 0.6341, 0.3267
Android (android.graphics.Color)	4291035148 (0xFFC4000C)
YUV	59.9720, -23.6502, 119.2966
Hunter-Lab	34.2962, 58.8026, 21.5675

Details

The Yxy color **11.7623, 0.6341, 0.3267** 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 **42.9463, 0.2299, 0.3475**, and the grayscale version is **4.5415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7728, 0.5631, 0.3464**, and **4.9055, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.7610, 0.6342, 0.3267**, and if you desaturate by 10%, it is **12.3195, 0.6123, 0.3245**.

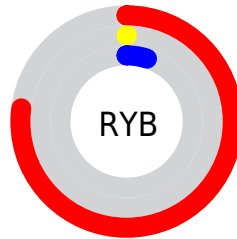
Distribution



Red (77%)

Green (0%)

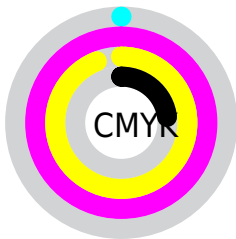
Blue (5%)



Red (77%)

Yellow (0%)

Blue (5%)

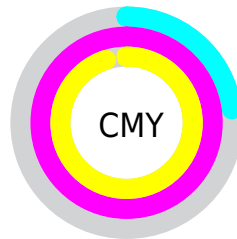


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (23%)



Cyan (23%)


Magenta (100%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7623, 0.6341, 0.3267 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 11.7623, 0.6341, 0.3267 by changing the saturation by 10% instead.


 11.7623, 0.6341,
0.3267


 11.7623, 0.6341,
0.3267


 202.8252, 0.4514,
0.3529


 6.5820, 0.6842,
0.3087


 29.0614, 0.5664,
0.3460

 3.2021, 0.7290,
0.2710

 41.9491, 0.5408,
0.3500

 1.2381, 0.7859,
0.2141

 58.1747, 0.5194,
0.3522

 0.0925, 0.9561,
0.0439

 78.1226, 0.5013,
0.3533


 0.0000, 1.0000,
0.0000

 102.1772, 0.4860,
0.3537

 0.0000, 0.0000,
0.0000


 130.7229, 0.4728,


0.3537

 164.1441, 0.4614,
0.3534

 11.7623, 0.6341,
0.3267

 11.7623, 0.6341,
0.3267


 11.7610, 0.6342,
0.3267

 12.3195, 0.6123,
0.3245

 13.4241, 0.5771,
0.3222

 15.2578, 0.5330,
0.3210

 17.9173, 0.4868,
0.3209

 21.4847, 0.4437,
0.3216

■ 26.0318, 0.4062,
0.3229

■ 31.6237, 0.3749,
0.3244

■ 38.3196, 0.3495,
0.3260

■ 46.1743, 0.3290,
0.3276

Harmonies

Analogous

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



11.7623, 0.5641, 0.2484



11.7623, 0.6341, 0.3267



11.7623, 0.5774, 0.4226

Triad

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



11.7623, 0.6341, 0.3267



11.7623, 0.1859, 0.6075



11.7623, 0.1223, 0.1124

Complementary

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



11.7623, 0.6341, 0.3267



42.9463, 0.2299, 0.3475

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.



11.7623, 0.0802, 0.1276



11.7623, 0.6341, 0.3267



11.7623, 0.0995, 0.3589

Square

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



11.7623, 0.6341, 0.3267



11.7623, 0.3147, 0.6671



11.7623, 0.0715, 0.1923



11.7623, 0.2159, 0.1288

Rectangle

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



11.7623, 0.6341, 0.3267



11.7623, 0.4971, 0.5029



11.7623, 0.0715, 0.1923



11.7623, 0.1038, 0.1137

Sweetspot

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



11.7631, 0.6341, 0.3267



56.7236, 0.3764, 0.3244



14.0462, 0.3042, 0.1450



11.1708, 0.3891, 0.3237



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.



11.7631, 0.6341, 0.3267



21.2955, 0.6356, 0.3275



18.2288, 0.5607, 0.3930



10.0875, 0.3280, 0.3276



7.5620, 0.6326, 0.3259



0.3302, 0.6064, 0.3114

Inverse Universe

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



11.7631, 0.6341, 0.3267



21.2955, 0.6356, 0.3275



15.3765, 0.1834, 0.1801



10.0875, 0.3280, 0.3276



7.5620, 0.6326, 0.3259



0.3302, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 11.7623, 0.6341, 0.3267 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 11.7623, 0.6341, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 11.7623, 0.6341, 0.3267.



This preview shows how white text looks on a background with the Yxy color 11.7623, 0.6341, 0.3267.

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

11.7623, 0.6341, 0.3267

Protanopia

12.3969, 0.4218, 0.4647

Deuteranopia

12.3654, 0.4692, 0.4656



Tritanopia

12.0347, 0.6332, 0.3354

Trichromacy



Original Color

11.7623, 0.6341, 0.3267

Protanomaly

9.3677, 0.5367, 0.3842

Deuteranomaly

9.8198, 0.5654, 0.3855

Tritanomaly

11.8502, 0.6343, 0.3319

Monochromacy



Original Color

11.7623, 0.6341, 0.3267

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.8119, 0.4934, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7623, 0.6341, 0.3267 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, 0, 12)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 12)  
}
```

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, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 12) }
```

Border

The CSS property to change the border of an element to Yxy 11.7623, 0.6341, 0.3267 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, 0, 12) }
```

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

```
.border{ border-color:rgb(196, 0, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 0, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(196, 0, 12)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.7623, 0.6341, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 12) }
```

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

```
.background{ background-color: rgb(196, 0,  
12) }
```

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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