

Converting Colors

$Y_{xy}(14.4315, 0.6386, 0.3311)$

Have a look what the booklet for
Yxy(14.4315, 0.6386, 0.3311)
contains.

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Color

Yxy(14.4047, 0.6387, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	D60500
RGB	214, 5, 0
RGB Percent	84%, 2%, 0%
CMY	0.1608, 0.9804, 1.0000
CMYK	0.00, 0.98, 1.00, 0.16
HSL	1°, 100%, 42%
HSV	1°, 100%, 84%
XYZ	27.7870, 14.4047, 1.3139
YIQ	66.9210, 126.1690, 42.7530

Conversions

Conversions Part 2

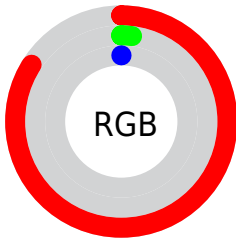
Format	Color
RYB	214, 5, 0
Decimal	14025984
CIELab	44.81, 69.74, 58.97
CIELCh	45, 91.332, 40.214
Yxy	14.4047, 0.6387, 0.3311
Android (android.graphics.Color)	4292216064 (0xFFD60500)
YUV	66.9210, -32.9921, 128.9883
Hunter-Lab	37.9535, 64.2670, 24.5150

Details

The Yxy color **14.4047, 0.6387, 0.3311** 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 **50.4551, 0.2227, 0.3215**, and the grayscale version is **5.6390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6711, 0.5630, 0.3549**, and **6.2959, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.4058, 0.6387, 0.3311**, and if you desaturate by 10%, it is **15.0874, 0.6209, 0.3317**.

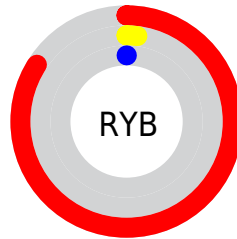
Distribution



Red (84%)

Green (2%)

Blue (0%)



Red (84%)

Yellow (2%)

Blue (0%)

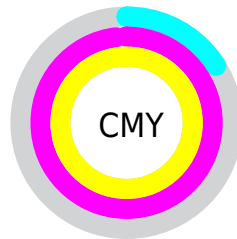


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4047, 0.6387, 0.3311 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 14.4047, 0.6387, 0.3311 by changing the saturation by 10% instead.


 14.4047, 0.6387,
0.3311


 14.4047, 0.6387,
0.3311


 219.7342, 0.4619,
0.3579


 8.4027, 0.6835,
0.3138


 33.8054, 0.5762,
0.3506


 4.3537, 0.7213,
0.2787

 47.9729, 0.5516,
0.3548

 1.8733, 0.7713,
0.2287

 65.6309, 0.5306,
0.3572

 0.5323, 0.8527,
0.1473

 87.1640, 0.5127,
0.3584

 0.0000, 1.0000,
0.0000


 112.9565, 0.4972,
0.3588

 0.0000, 0.0000,
0.0000


 143.3927, 0.4839,

0.3588


 178.8572, 0.4722,
0.3585


 14.4047, 0.6387,
0.3311


 14.4047, 0.6387,
0.3311


 14.4058, 0.6387,
0.3311

 15.0874, 0.6209,
0.3317

 16.4877, 0.5885,
0.3326

 18.7685, 0.5449,
0.3330

 22.0422, 0.4974,
0.3329

 26.4045, 0.4521,
0.3324

■ 31.9400, 0.4123,
0.3318

■ 38.7249, 0.3791,
0.3311

■ 46.8289, 0.3520,
0.3303

■ 56.3167, 0.3302,
0.3296

Harmonies

Analogous

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



14.4047, 0.5813, 0.2525



14.4047, 0.6387, 0.3311



14.4047, 0.5705, 0.4295

Triad

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



14.4047, 0.6387, 0.3311



14.4047, 0.1728, 0.5987



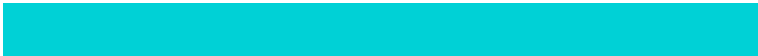
14.4047, 0.1248, 0.1097

Complementary

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



14.4047, 0.6387, 0.3311



50.4551, 0.2227, 0.3215

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.



14.4047, 0.0794, 0.1218



14.4047, 0.6387, 0.3311



14.4047, 0.0916, 0.3396

Square

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



14.4047, 0.6387, 0.3311



14.4047, 0.2992, 0.6762



14.4047, 0.0680, 0.1809



14.4047, 0.2247, 0.1286

Rectangle

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



14.4047, 0.6387, 0.3311



14.4047, 0.4863, 0.5137



14.4047, 0.0680, 0.1809



14.4047, 0.1050, 0.1100

Sweetspot

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



14.4058, 0.6387, 0.3311



57.2543, 0.3800, 0.3311



18.9721, 0.3252, 0.1565



11.2904, 0.3934, 0.3314



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.



14.4058, 0.6387, 0.3311



21.3896, 0.6389, 0.3309



25.5723, 0.5372, 0.4117



12.4669, 0.3291, 0.3296



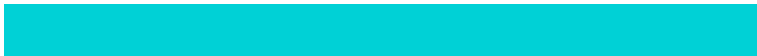
8.7279, 0.6382, 0.3315



0.5432, 0.6324, 0.3361

Inverse Universe

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



50.4551, 0.2227, 0.3215



74.9913, 0.2226, 0.3215



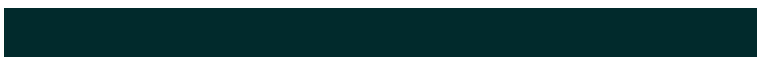
14.6429, 0.1752, 0.1506



14.0557, 0.2983, 0.3284



30.5176, 0.2227, 0.3217



1.8568, 0.2231, 0.3230

Previews

White Background



This preview shows how the Yxy color 14.4047, 0.6387, 0.3311 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 14.4047, 0.6387, 0.3311 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 14.4047, 0.6387, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 14.4047, 0.6387, 0.3311.



This preview shows how white text looks on a background with the Yxy color 14.4047, 0.6387, 0.3311.

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

14.4047, 0.6387, 0.3311

Protanopia

14.8739, 0.4260, 0.4708

Deuteranopia

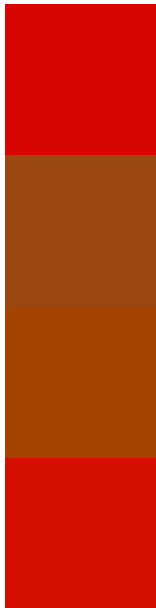
14.9347, 0.4684, 0.4663



Tritanopia

14.4974, 0.6335, 0.3352

Trichromacy



Original Color

14.4047, 0.6387, 0.3311

Protanomaly

11.5187, 0.5409, 0.3924

Deuteranomaly

11.9068, 0.5657, 0.3890

Tritanomaly

14.4878, 0.6356, 0.3335

Monochromacy



Original Color

14.4047, 0.6387, 0.3311

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.9689, 0.5043, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4047, 0.6387, 0.3311 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(214, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 5, 0)  
}
```

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(214, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 5, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4047, 0.6387, 0.3311 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(214, 5, 0) }
```

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

```
.border{ border-color:rgb(214, 5, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(214, 5, 0); box-shadow:4px  
4px 4px 4px rgb(214, 5, 0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4047, 0.6387, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 5, 0) }
```

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

```
.background{ background-color: rgb(214, 5,  
0) }
```

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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