

Converting Colors

$Yxy(14.0225, 0.6377, 0.3318)$

Have a look what the booklet for
Yxy(14.0225, 0.6377, 0.3318)
contains.

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Color

Yxy(14.0225, 0.6377, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D30800
RGB	211, 8, 0
RGB Percent	83%, 3%, 0%
CMY	0.1726, 0.9684, 0.9996
CMYK	0.00, 0.96, 1.00, 0.17
HSL	2°, 100%, 41%
HSV	2°, 100%, 83%
XYZ	26.9504, 14.0225, 1.2890
YIQ	67.7850, 123.5560, 40.5480

Conversions

Conversions Part 2

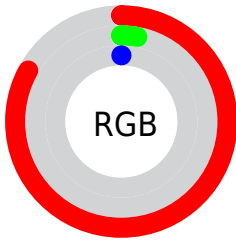
Format	Color
RYB	211, 8, 0
Decimal	13830144
CIELab	44.27, 68.72, 58.32
CIElCh	44, 90.133, 40.322
Yxy	14.0225, 0.6377, 0.3318
Android (android.graphics.Color)	4292020224 (0xFFD30800)
YUV	67.7850, -33.4180, 125.5996
Hunter-Lab	37.4466, 62.9352, 24.1718

Details

The Yxy color **14.0225, 0.6377, 0.3318** 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 **47.4318, 0.2214, 0.3171**, and the grayscale version is **5.7915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6711, 0.5630, 0.3549**, and **6.1110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0211, 0.6378, 0.3318**, and if you desaturate by 10%, it is **14.7509, 0.6191, 0.3330**.

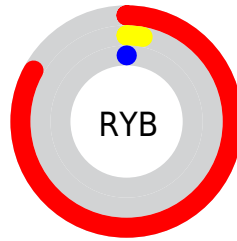
Distribution



Red (83%)

Green (3%)

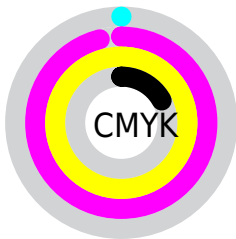
Blue (0%)



Red (83%)

Yellow (3%)

Blue (0%)

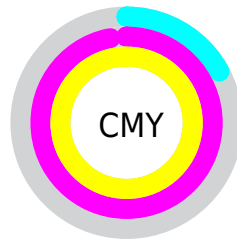


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (97%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0225, 0.6377, 0.3318 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 14.0225, 0.6377, 0.3318 by changing the saturation by 10% instead.


 14.0225, 0.6377,
0.3318


 14.0225, 0.6377,
0.3318


 217.3708, 0.4605,
0.3581


 8.1363, 0.6833,
0.3146


 33.1289, 0.5748,
0.3512


 4.1823, 0.7211,
0.2789

 47.1180, 0.5501,
0.3553

 1.7761, 0.7718,
0.2282

 64.5768, 0.5291,
0.3576

 0.4722, 0.8596,
0.1404

 85.8897, 0.5112,
0.3587

 0.0000, 1.0000,
0.0000


 111.4412, 0.4958,
0.3591

 0.0000, 0.0000,
0.0000


 141.6156, 0.4824,

0.3590


 176.7973, 0.4708,
0.3586


 14.0225, 0.6377,
0.3318

 14.0225, 0.6377,
0.3318


 14.0211, 0.6378,
0.3318

 14.7509, 0.6191,
0.3330

 16.1863, 0.5861,
0.3344

 18.4640, 0.5425,
0.3350

 21.6863, 0.4954,
0.3349

 25.9409, 0.4507,
0.3343

■ 31.3056, 0.4114,
0.3333

■ 37.8506, 0.3785,
0.3322

■ 45.6404, 0.3517,
0.3311

■ 54.7348, 0.3300,
0.3300

Harmonies

Analogous

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



14.0225, 0.5808, 0.2532



14.0225, 0.6377, 0.3318



14.0225, 0.5697, 0.4303

Triad

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



14.0225, 0.6377, 0.3318



14.0225, 0.1730, 0.5965



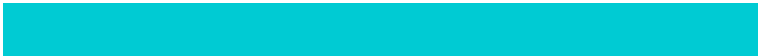
14.0225, 0.1256, 0.1102

Complementary

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



14.0225, 0.6377, 0.3318



47.4318, 0.2214, 0.3171

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.



14.0225, 0.0800, 0.1222



14.0225, 0.6377, 0.3318



14.0225, 0.0920, 0.3389

Square

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



14.0225, 0.6377, 0.3318



14.0225, 0.2993, 0.6752



14.0225, 0.0685, 0.1811



14.0225, 0.2255, 0.1292

Rectangle

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



14.0225, 0.6377, 0.3318



14.0225, 0.4858, 0.5142



14.0225, 0.0685, 0.1811



14.0225, 0.1057, 0.1105

Sweetspot

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



14.0234, 0.6377, 0.3318



57.7001, 0.3796, 0.3322



18.2084, 0.3295, 0.1589



11.3912, 0.3930, 0.3327



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.



14.0234, 0.6377, 0.3318



21.4690, 0.6382, 0.3314



25.5646, 0.5321, 0.4157



11.8787, 0.3290, 0.3299



8.4957, 0.6370, 0.3324



0.5007, 0.6272, 0.3402

Inverse Universe

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



47.4318, 0.2214, 0.3171



72.7516, 0.2214, 0.3169



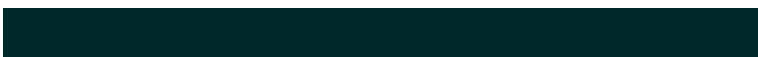
13.5361, 0.1737, 0.1454



13.3273, 0.2983, 0.3281



28.6604, 0.2215, 0.3173



1.6269, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 14.0225, 0.6377, 0.3318 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 14.0225, 0.6377, 0.3318 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 14.0225, 0.6377, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 14.0225, 0.6377, 0.3318.



This preview shows how white text looks on a background with the Yxy color 14.0225, 0.6377, 0.3318.

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

14.0225, 0.6377, 0.3318

Protanopia

14.5876, 0.4266, 0.4714

Deuteranopia

14.3757, 0.4692, 0.4657



Tritanopia

14.1674, 0.6338, 0.3349

Trichromacy



Original Color

14.0225, 0.6377, 0.3318

Protanomaly

11.3193, 0.5396, 0.3943

Deuteranomaly

11.6957, 0.5642, 0.3903

Tritanomaly

14.0433, 0.6355, 0.3336

Monochromacy



Original Color

14.0225, 0.6377, 0.3318

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.1215, 0.5014, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0225, 0.6377, 0.3318 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(211, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 8, 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(211, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 8, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.0225, 0.6377, 0.3318 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(211, 8, 0) }
```

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

```
.border{ border-color:rgb(211, 8, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 8, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(211, 8, 0); box-shadow:4px  
4px 4px 4px rgb(211, 8, 0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0225, 0.6377, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 8, 0) }
```

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

```
.background{ background-color: rgb(211, 8,  
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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