

Converting Colors

$Y_{xy}(14.6119, 0.6340, 0.3348)$

Have a look what the booklet for
Yxy(14.6119, 0.6340, 0.3348)
contains.

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Color

Yxy(14.6119, 0.6340, 0.3348)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D51300 |
| RGB | 213, 19, 0 |
| RGB Percent | 84%, 7%, 0% |
| CMY | 0.1648, 0.9251, 1.0000 |
| CMYK | 0.00, 0.91, 1.00, 0.16 |
| HSL | 5°, 100%, 42% |
| HSV | 5°, 100%, 84% |
| XYZ | 27.6701, 14.6119, 1.3617 |
| YIQ | 74.8400, 121.7230, 35.2190 |

Conversions

Conversions Part 2

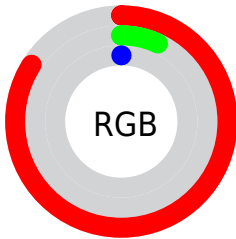
| Format | Color |
|-------------------------------------|---|
| RYB | 213, 21, 0 |
| Decimal | 13964032 |
| CIELab | 45.10, 68.03, 58.92 |
| CIELCh | 45, 89.995, 40.896 |
| Yxy | 14.6119, 0.6340, 0.3348 |
| Android (android.graphics.Color) | 4292154112 (0xFFD51300) |
| YUV | 74.8400, -36.8961, 121.1663 |
| Hunter-Lab | 38.2255, 62.3151, 24.6458 |

Details

The Yxy color **14.6119, 0.6340, 0.3348** 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 **43.3350, 0.2168, 0.3004**, and the grayscale version is **7.0672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1806, 0.5603, 0.3575**, and **6.2959, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.6129, 0.6340, 0.3348**, and if you desaturate by 10%, it is **15.6166, 0.6129, 0.3384**.

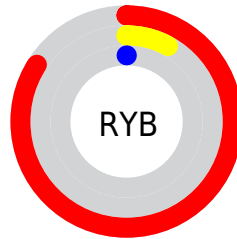
Distribution



Red (84%)

Green (7%)

Blue (0%)



Red (84%)

Yellow (8%)

Blue (0%)

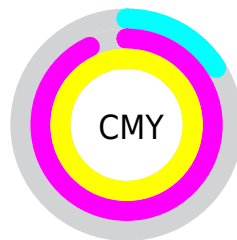


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6119, 0.6340, 0.3348 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 14.6119, 0.6340, 0.3348 by changing the saturation by 10% instead.


 14.6119, 0.6340,
0.3348


 14.6119, 0.6340,
0.3348


 221.0050, 0.4598,
0.3591


 8.5475, 0.6778,
0.3180


 34.1709, 0.5723,
0.3532


 4.4472, 0.7159,
0.2841


 48.4342, 0.5481,
0.3571

 1.9267, 0.7650,
0.2350

 66.1993, 0.5274,
0.3591

 0.5644, 0.8440,
0.1560

 87.8506, 0.5098,
0.3601

 0.0000, 1.0000,
0.0000


 113.7724, 0.4946,
0.3603

 0.0000, 0.0000,
0.0000


 144.3491, 0.4814,


0.3601


 179.9652, 0.4699,
0.3597

 14.6119, 0.6340,
0.3348


 14.6119, 0.6340,
0.3348


 14.6129, 0.6340,
0.3348

 15.6166, 0.6129,
0.3384

 17.3289, 0.5788,
0.3415

 19.8576, 0.5357,
0.3428

 23.2882, 0.4902,
0.3425

 27.6951, 0.4472,
0.3410

■ 33.1450, 0.4093,
0.3388

■ 39.6989, 0.3775,
0.3363

■ 47.4128, 0.3513,
0.3337

■ 56.3393, 0.3300,
0.3313

Harmonies

Analogous

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



14.6119, 0.5797, 0.2560



14.6119, 0.6340, 0.3348



14.6119, 0.5664, 0.4336

Triad

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



14.6119, 0.6340, 0.3348



14.6119, 0.1733, 0.5875



14.6119, 0.1286, 0.1121

Complementary

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



14.6119, 0.6340, 0.3348



43.3350, 0.2168, 0.3004

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.



14.6119, 0.0823, 0.1236



14.6119, 0.6340, 0.3348



14.6119, 0.0934, 0.3350

Square

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



14.6119, 0.6340, 0.3348



14.6119, 0.2982, 0.6706



14.6119, 0.0703, 0.1813



14.6119, 0.2293, 0.1317

Rectangle

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



14.6119, 0.6340, 0.3348



14.6119, 0.4833, 0.5167



14.6119, 0.0703, 0.1813



14.6119, 0.1084, 0.1123

Sweetspot

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



14.6129, 0.6340, 0.3348



59.3434, 0.3784, 0.3364



18.0945, 0.3433, 0.1665



11.7640, 0.3913, 0.3375



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.



14.6129, 0.6340, 0.3348



21.8676, 0.6348, 0.3341



28.6194, 0.5176, 0.4272



12.5980, 0.3289, 0.3312



8.9919, 0.6326, 0.3359



0.6056, 0.6123, 0.3521

Inverse Universe

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



43.3350, 0.2168, 0.3004



65.0074, 0.2167, 0.3001



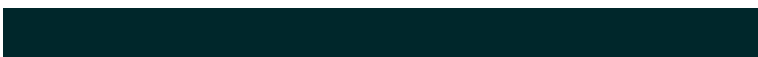
11.9054, 0.1693, 0.1296



13.9085, 0.2983, 0.3268



26.5535, 0.2169, 0.3008



1.6586, 0.2184, 0.3061

Previews

White Background



This preview shows how the Yxy color 14.6119, 0.6340, 0.3348 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 14.6119, 0.6340, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 14.6119, 0.6340, 0.3348.



This preview shows how white text looks on a background with the Yxy color 14.6119, 0.6340, 0.3348.

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

14.6119, 0.6340, 0.3348

Protanopia

14.9418, 0.4281, 0.4709

Deuteranopia

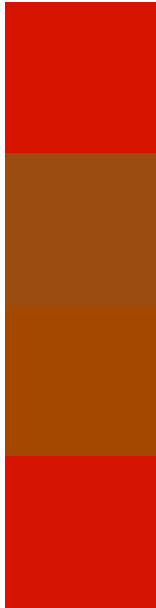
14.9347, 0.4684, 0.4663



Tritanopia

14.6228, 0.6320, 0.3336

Trichromacy



Original Color

14.6119, 0.6340, 0.3348

Protanomaly

12.1779, 0.5329, 0.4005

Deuteranomaly

12.5272, 0.5571, 0.3959

Tritanomaly

14.6185, 0.6328, 0.3341

Monochromacy



Original Color

14.6119, 0.6340, 0.3348

Achromatopsia

7.0360, 0.3127, 0.3290

Achromatomaly

7.3058, 0.4857, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6119, 0.6340, 0.3348 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(213, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 19, 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(213, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 19, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6119, 0.6340, 0.3348 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(213, 19, 0) }
```

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

```
.border{ border-color:rgb(213, 19, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 19, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6119, 0.6340, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 19, 0) }
```

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

```
.background{ background-color: rgb(213, 19,  
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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