

Converting Colors

$Y_{xy}(14.4120, 0.6245, 0.3214)$

Have a look what the booklet for
Yxy(14.4120, 0.6245, 0.3214)
contains.

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Color

Yxy(14.3800, 0.6248, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	D6001C
RGB	214, 0, 28
RGB Percent	84%, 0%, 11%
CMY	0.1607, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.87, 0.16
HSL	352°, 100%, 42%
HSV	352°, 100%, 84%
XYZ	27.9460, 14.3800, 2.4019
YIQ	67.1780, 118.5560, 54.0760

Conversions

Conversions Part 2

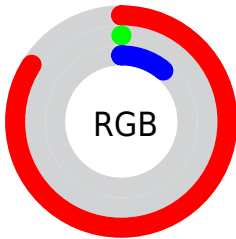
Format	Color
RYB	214, 0, 28
Decimal	14024732
CIELab	44.77, 70.53, 48.69
CIElCh	45, 85.701, 34.621
Yxy	14.3800, 0.6248, 0.3215
Android (android.graphics.Color)	4292214812 (0xFFD6001C)
YUV	67.1780, -19.3148, 128.7629
Hunter-Lab	37.9210, 65.1843, 22.7893

Details

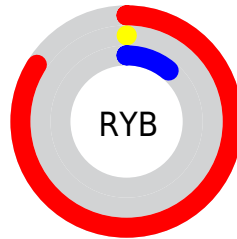
The Yxy color **14.3800, 0.6248, 0.3215** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **51.6494, 0.2364, 0.3709**, and the grayscale version is **5.6607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7339, 0.5453, 0.3408**, and **6.3896, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.3832, 0.6248, 0.3215**, and if you desaturate by 10%, it is **15.0526, 0.5989, 0.3161**.

Distribution



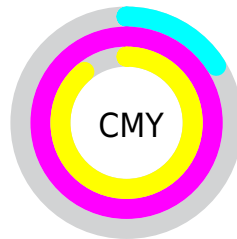
- Red (84%)
- Green (0%)
- Blue (11%)



- Red (84%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (16%)




- Cyan (16%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3800, 0.6248, 0.3215 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 14.3800, 0.6248, 0.3215 by changing the saturation by 10% instead.


 14.3800, 0.6248,
0.3215


 14.3800, 0.6248,
0.3215

219.5822, 0.4497,
0.3473


 8.3854, 0.6676,
0.3038


 33.7618, 0.5599,
0.3387


 4.3426, 0.7234,
0.2766

 47.9178, 0.5354,
0.3426

 1.8670, 0.7735,
0.2265

 65.5630, 0.5150,
0.3450

 0.5284, 0.8551,
0.1449

 87.0820, 0.4977,
0.3463

 0.0000, 1.0000,
0.0000

 112.8590, 0.4830,
0.3471


 0.0000, 0.0000,
0.0000


 143.2784, 0.4703,

0.3474


 178.7247, 0.4593,
0.3475


 14.3800, 0.6248,
0.3215

 14.3800, 0.6248,
0.3215


 14.3832, 0.6248,
0.3215

 15.0526, 0.5989,
0.3161

 16.3970, 0.5620,
0.3118

 18.6266, 0.5187,
0.3099

 21.8600, 0.4749,
0.3103

 26.1977, 0.4346,
0.3123

■ 31.7276, 0.3997,
0.3153

■ 38.5290, 0.3707,
0.3188

■ 46.6742, 0.3471,
0.3223

■ 56.2301, 0.3281,
0.3258

Harmonies

Analogous

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



14.3800, 0.5401, 0.2437



14.3800, 0.6248, 0.3215



14.3800, 0.5849, 0.4151

Triad

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



14.3800, 0.6248, 0.3215



14.3800, 0.2038, 0.6133



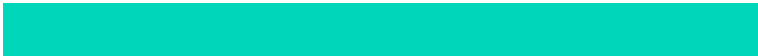
14.3800, 0.1203, 0.1171

Complementary

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



14.3800, 0.6248, 0.3215



51.6494, 0.2364, 0.3709

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.



14.3800, 0.0824, 0.1364



14.3800, 0.6248, 0.3215



14.3800, 0.1115, 0.3832

Square

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



14.3800, 0.6248, 0.3215



14.3800, 0.3319, 0.6471



14.3800, 0.0774, 0.2087



14.3800, 0.2063, 0.1301

Rectangle

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



14.3800, 0.6248, 0.3215



14.3800, 0.5100, 0.4900



14.3800, 0.0774, 0.2087



14.3800, 0.1034, 0.1195

Sweetspot

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



14.3832, 0.6248, 0.3215



56.9531, 0.3715, 0.3187



15.2308, 0.2871, 0.1355



11.2230, 0.3832, 0.3172



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.



14.3832, 0.6248, 0.3215



21.3719, 0.6263, 0.3224



19.8157, 0.5806, 0.3772



12.4470, 0.3271, 0.3260



8.7004, 0.6222, 0.3201



0.5336, 0.5832, 0.2987

Inverse Universe

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



14.3832, 0.6248, 0.3215



21.3719, 0.6263, 0.3224



22.3370, 0.1897, 0.2030



12.4470, 0.3271, 0.3260



8.7004, 0.6222, 0.3201



0.5336, 0.5832, 0.2987

Previews

White Background



This preview shows how the Yxy color 14.3800, 0.6248, 0.3215 looks on a white background.

Color Contrast Check

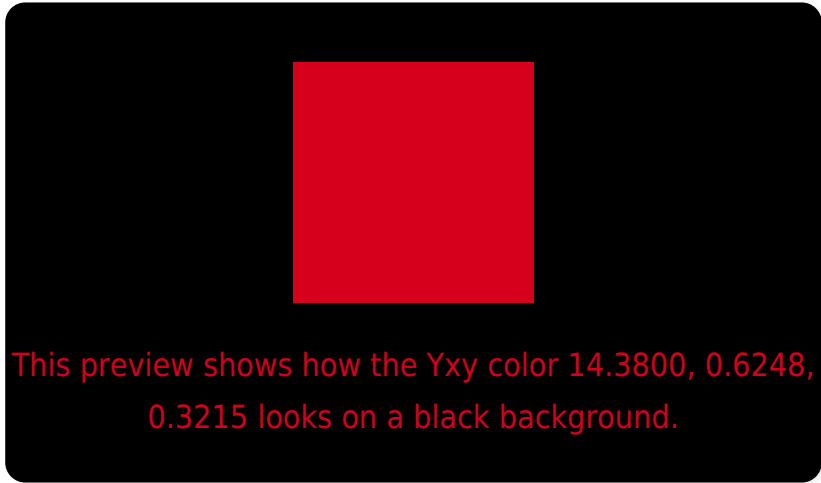
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3800, 0.6248, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 14.3800, 0.6248, 0.3215.



This preview shows how white text looks on a background with the Yxy color 14.3800, 0.6248, 0.3215.

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

14.3800, 0.6248, 0.3215

Protanopia

14.9316, 0.4068, 0.4453

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.6119, 0.6340, 0.3348

Trichromacy



Original Color

14.3800, 0.6248, 0.3215

Protanomaly

11.2864, 0.5184, 0.3691

Deuteranomaly

11.9177, 0.5633, 0.3832

Tritanomaly

14.4310, 0.6326, 0.3304

Monochromacy



Original Color

14.3800, 0.6248, 0.3215

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.9779, 0.4803, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3800, 0.6248, 0.3215 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, 0, 28)` looks like.

```
.text, #text, p{  
  color:rgb(214, 0, 28)  
}
```

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, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 28) }
```

Border

The CSS property to change the border of an element to Yxy 14.3800, 0.6248, 0.3215 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, 0, 28) }
```

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

```
.border{ border-color:rgb(214, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 28)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3800, 0.6248, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 28) }
```

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

```
.background{ background-color: rgb(214, 0,  
28) }
```

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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