

Converting Colors

$Y_{xy}(15.4798, 0.6078, 0.3291)$

Have a look what the booklet for
Yxy(15.4798, 0.6078, 0.3291)
contains.

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Color

Yxy(15.4447, 0.6075, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	D62022
RGB	214, 32, 34
RGB Percent	84%, 13%, 13%
CMY	0.1608, 0.8744, 0.8666
CMYK	0.00, 0.85, 0.84, 0.16
HSL	359°, 74%, 48%
HSV	359°, 85%, 84%
XYZ	28.5361, 15.4447, 2.9922
YIQ	86.6460, 107.8300, 39.2060

Conversions

Conversions Part 2

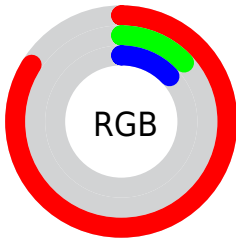
Format	Color
RYB	214, 32, 34
Decimal	14032930
CIELab	46.24, 66.54, 46.95
CIElCh	46, 81.436, 35.208
Yxy	15.4447, 0.6075, 0.3288
Android (android.graphics.Color)	4292223010 (0xFFD62022)
YUV	86.6460, -25.9545, 111.6895
Hunter-Lab	39.2997, 60.8366, 22.9956

Details

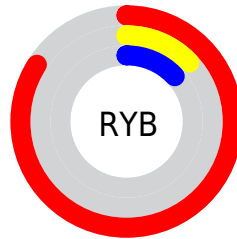
The Yxy color **15.4447, 0.6075, 0.3288** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **53.1516, 0.2279, 0.3316**, and the grayscale version is **9.4944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.5894, 0.5298, 0.3441**, and **6.4840, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.5550, 0.6318, 0.3294**, and if you desaturate by 10%, it is **17.1586, 0.5686, 0.3283**.

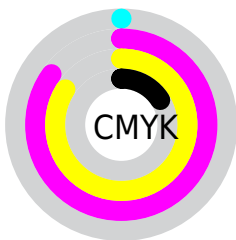
Distribution



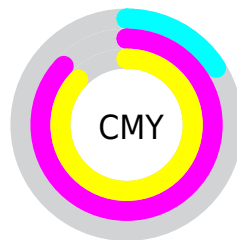
- Red (84%)
- Green (13%)
- Blue (13%)



- Red (84%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (85%)
- Yellow (84%)
- Black (16%)



- Cyan (16%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4447, 0.6075, 0.3288 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 15.4447, 0.6075, 0.3288 by changing the saturation by 10% instead.


 15.4447, 0.6075,
0.3288


 15.4447, 0.6075,
0.3288

226.0423, 0.4421,
0.3481


 9.1321, 0.6486,
0.3139


 35.6314, 0.5457,
0.3427


 4.8274, 0.7076,
0.2924

 50.2744, 0.5226,
0.3456


 2.1464, 0.7545,
0.2455

 68.4628, 0.5034,
0.3473

 0.6905, 0.8250,
0.1750

 90.5813, 0.4871,
0.3482


 0.0000, 1.0000,
0.0000

 117.0140, 0.4733,
0.3485

 0.0000, 0.0000,
0.0000


 148.1455, 0.4614,


0.3486

 184.3602, 0.4511,
0.3484


 15.4447, 0.6075,
0.3288


 15.4447, 0.6075,
0.3288


 14.5550, 0.6318,
0.3294


 17.1586, 0.5686,
0.3283


 14.3005, 0.6391,
0.3294

 19.8312, 0.5219,
0.3281


 23.5758, 0.4746,
0.3280


 28.4894, 0.4315,
0.3281

 34.6579, 0.3948,
0.3282

 42.1594, 0.3647,
0.3284

 51.0655, 0.3404,
0.3287

 61.4428, 0.3210,
0.3289

 73.3536, 0.3054,
0.3291

Harmonies

Analogous

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



15.4447, 0.5277, 0.2514



15.4447, 0.6075, 0.3288



15.4447, 0.5702, 0.4188

Triad

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



15.4447, 0.6075, 0.3288



15.4447, 0.2117, 0.5860



15.4447, 0.1301, 0.1262

Complementary

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



15.4447, 0.6075, 0.3288



53.1516, 0.2279, 0.3316

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.



15.4447, 0.0919, 0.1454



15.4447, 0.6075, 0.3288



15.4447, 0.1217, 0.3770

Square

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



15.4447, 0.6075, 0.3288



15.4447, 0.3349, 0.6276



15.4447, 0.0871, 0.2156



15.4447, 0.2150, 0.1394

Rectangle

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



15.4447, 0.6075, 0.3288



15.4447, 0.5061, 0.4939



15.4447, 0.0871, 0.2156



15.4447, 0.1131, 0.1286

Sweetspot

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



15.4457, 0.6075, 0.3288



61.2189, 0.3680, 0.3284



19.7327, 0.3171, 0.1584



12.2372, 0.3781, 0.3283



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.



15.4457, 0.6075, 0.3288



21.2661, 0.6393, 0.3295



27.8280, 0.5146, 0.4126



12.4230, 0.3289, 0.3288



8.6452, 0.6388, 0.3293



0.5222, 0.6348, 0.3270

Inverse Universe

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



15.4457, 0.6075, 0.3288



21.2661, 0.6393, 0.3295



20.0958, 0.1893, 0.1883



12.4230, 0.3289, 0.3288



8.6452, 0.6388, 0.3293



0.5222, 0.6348, 0.3270

Previews

White Background



This preview shows how the Yxy color 15.4447, 0.6075, 0.3288 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 15.4447, 0.6075, 0.3288 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 15.4447, 0.6075, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 15.4447, 0.6075, 0.3288.



This preview shows how white text looks on a background with the Yxy color 15.4447, 0.6075, 0.3288.

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

15.4447, 0.6075, 0.3288

Protanopia

15.7635, 0.4013, 0.4407

Deuteranopia

15.6939, 0.4679, 0.4617



Tritanopia

15.4776, 0.6105, 0.3314

Trichromacy



Original Color

15.4447, 0.6075, 0.3288

Protanomaly

13.2004, 0.4941, 0.3830

Deuteranomaly

13.7047, 0.5414, 0.3955

Tritanomaly

15.4828, 0.6096, 0.3309

Monochromacy



Original Color

15.4447, 0.6075, 0.3288

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.4182, 0.4424, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4447, 0.6075, 0.3288 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, 32, 34)` looks like.

```
.text, #text, p{  
    color:rgb(214, 32, 34)  
}
```

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, 32, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 32, 34) }
```

Border

The CSS property to change the border of an element to Yxy 15.4447, 0.6075, 0.3288 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, 32, 34) }
```

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

```
.border{ border-color:rgb(214, 32, 34) }
```

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

Here you see how a box with a 4 pixel rgb(214, 32, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 32, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 32, 34);  
box-shadow:4px 4px 4px 4px rgb(214, 32,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4447, 0.6075, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 32, 34) }
```

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

```
.background{ background-color: rgb(214, 32,  
34) }
```

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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