

Converting Colors

$Y_{xy}(14.9281, 0.6088, 0.3207)$

Have a look what the booklet for
Yxy(14.9281, 0.6088, 0.3207)
contains.

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Color

Yxy(14.9429, 0.6083, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	D61427
RGB	214, 20, 39
RGB Percent	84%, 8%, 15%
CMY	0.1609, 0.9211, 0.8471
CMYK	0.00, 0.91, 0.82, 0.16
HSL	354°, 83%, 46%
HSV	354°, 91%, 84%
XYZ	28.3435, 14.9429, 3.3082
YIQ	80.1720, 109.5250, 47.0370

Conversions

Conversions Part 2

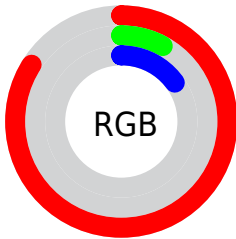
Format	Color
R _Y B	214, 20, 39
Decimal	14029863
CIE Lab	45.56, 68.72, 43.72
CIE LCh	46, 81.451, 32.466
Yxy	14.9429, 0.6083, 0.3207
Android (android.graphics.Color)	4292219943 (0xFFD61427)
YUV	80.1720, -20.2978, 117.3672
Hunter-Lab	38.6560, 63.2323, 21.9851

Details

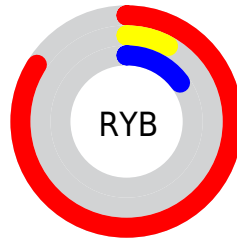
The Yxy color **14.9429, 0.6083, 0.3207** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **52.1782, 0.2337, 0.3566**, and the grayscale version is **8.0936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7446, 0.5293, 0.3364**, and **6.4840, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.3467, 0.6302, 0.3245**, and if you desaturate by 10%, it is **16.2232, 0.5729, 0.3171**.

Distribution



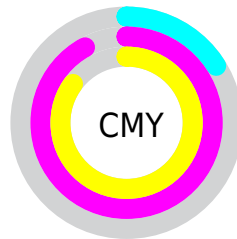
- Red (84%)
- Green (8%)
- Blue (15%)



- Red (84%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (82%)
- Black (16%)





- Cyan (16%)
- Magenta (92%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9429, 0.6083, 0.3207 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 14.9429, 0.6083, 0.3207 by changing the saturation by 10% instead.


 14.9429, 0.6083,
0.3207


 14.9429, 0.6083,
0.3207


223.0204, 0.4407,
0.3434


 8.7793, 0.6511,
0.3053


 34.7530, 0.5449,
0.3356


 4.5975, 0.7147,
0.2839

 49.1683, 0.5215,
0.3390


 2.0131, 0.7642,
0.2358

 67.1029, 0.5021,
0.3411

 0.6151, 0.8392,
0.1608

 88.9413, 0.4857,
0.3423

 0.0000, 1.0000,
0.0000


 115.0679, 0.4719,
0.3430


 0.0000, 0.0000,
0.0000

 145.8670, 0.4600,


0.3434

 181.7230, 0.4497,
0.3435


 14.9429, 0.6083,
0.3207

 14.9429, 0.6083,
0.3207


 14.3467, 0.6302,
0.3245

 16.2232, 0.5729,
0.3171

 18.3827, 0.5293,
0.3153

 21.5434, 0.4841,
0.3153

 25.8073, 0.4419,
0.3166

 31.2637, 0.4052,
0.3188

■ 37.9930, 0.3746,
0.3213

■ 46.0684, 0.3497,
0.3239

■ 55.5575, 0.3297,
0.3265

■ 66.5236, 0.3136,
0.3289

Harmonies

Analogous

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



14.9429, 0.5166, 0.2436



14.9429, 0.6083, 0.3207



14.9429, 0.5789, 0.4090

Triad

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



14.9429, 0.6083, 0.3207



14.9429, 0.2209, 0.6028



14.9429, 0.1237, 0.1251

Complementary

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



14.9429, 0.6083, 0.3207



52.1782, 0.2337, 0.3566

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.



14.9429, 0.0887, 0.1477



14.9429, 0.6083, 0.3207



14.9429, 0.1258, 0.3973

Square

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



14.9429, 0.6083, 0.3207



14.9429, 0.3462, 0.6251



14.9429, 0.0869, 0.2246



14.9429, 0.2038, 0.1357

Rectangle

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



14.9429, 0.6083, 0.3207



14.9429, 0.5169, 0.4831



14.9429, 0.0869, 0.2246



14.9429, 0.1079, 0.1285

Sweetspot

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



14.9438, 0.6083, 0.3207



60.2847, 0.3658, 0.3222



16.9064, 0.2980, 0.1448



12.0681, 0.3750, 0.3213



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.



14.9438, 0.6083, 0.3207



21.3294, 0.6314, 0.3252



23.0160, 0.5491, 0.3926



12.4402, 0.3276, 0.3268



8.6804, 0.6281, 0.3234



0.5304, 0.5965, 0.3060

Inverse Universe

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



14.9438, 0.6083, 0.3207



21.3294, 0.6314, 0.3252



22.7346, 0.1920, 0.2050



12.4402, 0.3276, 0.3268



8.6804, 0.6281, 0.3234



0.5304, 0.5965, 0.3060

Previews

White Background



This preview shows how the Yxy color 14.9429, 0.6083, 0.3207 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 14.9429, 0.6083, 0.3207 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 14.9429, 0.6083, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 14.9429, 0.6083, 0.3207.



This preview shows how white text looks on a background with the Yxy color 14.9429, 0.6083, 0.3207.

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

14.9429, 0.6083, 0.3207

Protanopia

15.2566, 0.3923, 0.4266

Deuteranopia

15.3544, 0.4614, 0.4554



Tritanopia

14.9931, 0.6240, 0.3321

Trichromacy



Original Color

14.9429, 0.6083, 0.3207

Protanomaly

12.4257, 0.4912, 0.3676

Deuteranomaly

12.9512, 0.5411, 0.3828

Tritanomaly

14.9835, 0.6191, 0.3287

Monochromacy



Original Color

14.9429, 0.6083, 0.3207

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.0749, 0.4509, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9429, 0.6083, 0.3207 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, 20, 39)` looks like.

```
.text, #text, p{  
    color:rgb(214, 20, 39)  
}
```

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, 20, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 20, 39) }
```

Border

The CSS property to change the border of an element to Yxy 14.9429, 0.6083, 0.3207 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, 20, 39) }
```

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

```
.border{ border-color:rgb(214, 20, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 20, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 20, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 20, 39);  
box-shadow:4px 4px 4px 4px rgb(214, 20,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9429, 0.6083, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 20, 39) }
```

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

```
.background{ background-color: rgb(214, 20,  
39) }
```

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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