

Converting Colors

$Yxy(14.4892, 0.5808, 0.3023)$

Have a look what the booklet for
 $Y_{xy}(14.4892, 0.5808, 0.3023)$
contains.

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Color

Yxy(14.4892, 0.5808, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	D30E3C
RGB	211, 14, 60
RGB Percent	83%, 5%, 24%
CMY	0.1725, 0.9451, 0.7647
CMYK	0.00, 0.93, 0.72, 0.17
HSL	346°, 88%, 44%
HSV	346°, 93%, 83%
XYZ	27.8377, 14.4892, 5.6030
YIQ	78.1470, 102.6460, 56.0700

Conversions

Conversions Part 2

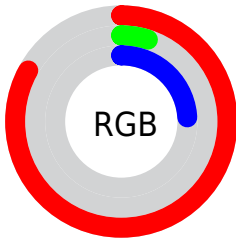
Format	Color
RYB	211, 14, 60
Decimal	13831740
CIELab	44.93, 69.43, 30.66
CIElCh	45, 75.900, 23.821
Yxy	14.4892, 0.5808, 0.3023
Android (android.graphics.Color)	4292021820 (0xFFD30E3C)
YUV	78.1470, -8.9465, 116.5121
Hunter-Lab	38.0647, 63.9284, 17.9180

Details

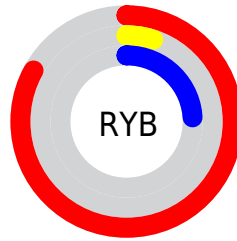
The Yxy color **14.4892, 0.5808, 0.3023** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49.4021, 0.2457, 0.4009**, and the grayscale version is **7.6514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.8037, 0.5036, 0.3151**, and **6.3429, 0.6207, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **14.0736, 0.6001, 0.3079**, and if you desaturate by 10%, it is **15.5822, 0.5459, 0.2956**.

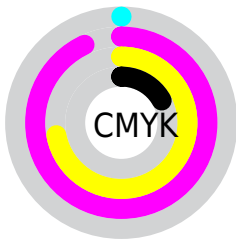
Distribution



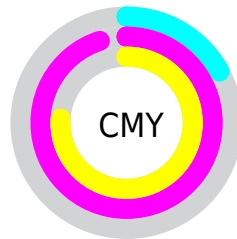
- Red (83%)
- Green (5%)
- Blue (24%)



- Red (83%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (93%)
- Yellow (72%)
- Black (17%)





- Cyan (17%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4892, 0.5808, 0.3023 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 14.4892, 0.5808, 0.3023 by changing the saturation by 10% instead.


 14.4892, 0.5808,
0.3023


 14.4892, 0.5808,
0.3023


220.2533, 0.4244,
0.3294

 8.4617, 0.6251,
0.2883


 33.9546, 0.5192,
0.3169


 4.3918, 0.6826,
0.2653

 48.1612, 0.4974,
0.3208

 1.8950, 0.7698,
0.2302

 65.8630, 0.4795,
0.3235

 0.5454, 0.8501,
0.1499

 87.4444, 0.4647,
0.3255

 0.0000, 1.0000,
0.0000

 113.2897, 0.4522,
0.3269

 0.0000, 0.0000,
0.0000

 143.7833, 0.4415,

0.3280

179.3097, 0.4324,
0.3288

■ 14.4892, 0.5808,
0.3023

■ 14.4892, 0.5808,
0.3023

■ 14.0736, 0.6001,
0.3079

■ 15.5822, 0.5459,
0.2956

■ 17.4770, 0.5065,
0.2928

■ 20.2946, 0.4670,
0.2936

■ 24.1348, 0.4304,
0.2972

■ 29.0844, 0.3986,
0.3025

■ 35.2208, 0.3717,
0.3086

■ 42.6145, 0.3496,
0.3150

■ 51.3305, 0.3316,
0.3212

■ 61.4293, 0.3170,
0.3271

Harmonies

Analogous

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



14.4892, 0.4618, 0.2277



14.4892, 0.5808, 0.3023



14.4892, 0.5856, 0.3841

Triad

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



14.4892, 0.5808, 0.3023



14.4892, 0.2622, 0.6121



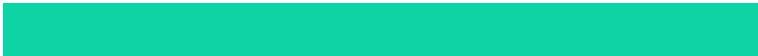
14.4892, 0.1170, 0.1353

Complementary

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



14.4892, 0.5808, 0.3023



49.4021, 0.2457, 0.4009

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.



14.4892, 0.0925, 0.1706



14.4892, 0.5808, 0.3023



14.4892, 0.1565, 0.4549

Square

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



14.4892, 0.5808, 0.3023



14.4892, 0.3867, 0.5904



14.4892, 0.1015, 0.2684



14.4892, 0.1810, 0.1367

Rectangle

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



14.4892, 0.5808, 0.3023



14.4892, 0.5399, 0.4502



14.4892, 0.1015, 0.2684



14.4892, 0.1051, 0.1422

Sweetspot

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



14.4901, 0.5808, 0.3023



59.5576, 0.3600, 0.3118



12.6736, 0.2621, 0.1241



11.7275, 0.3700, 0.3091



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.



14.4901, 0.5808, 0.3023



21.5812, 0.6025, 0.3093



17.4650, 0.5928, 0.3603



11.8528, 0.3254, 0.3236



8.5062, 0.5965, 0.3060



0.4882, 0.5435, 0.2767

Inverse Universe

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



14.4901, 0.5808, 0.3023



21.5812, 0.6025, 0.3093



30.5516, 0.2041, 0.2513



11.8528, 0.3254, 0.3236



8.5062, 0.5965, 0.3060



0.4882, 0.5435, 0.2767

Previews

White Background



This preview shows how the Yxy color 14.4892, 0.5808, 0.3023 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 14.4892, 0.5808, 0.3023 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 14.4892, 0.5808, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 14.4892, 0.5808, 0.3023.



This preview shows how white text looks on a background with the Yxy color 14.4892, 0.5808, 0.3023.

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

14.4892, 0.5808, 0.3023

Protanopia

15.0238, 0.3463, 0.3688

Deuteranopia

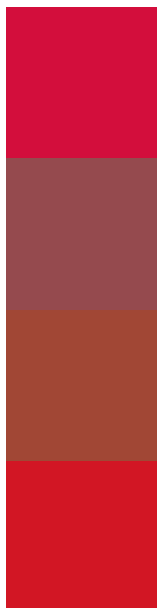
14.9088, 0.4311, 0.4263



Tritanopia

14.5474, 0.6184, 0.3317

Trichromacy



Original Color

14.4892, 0.5808, 0.3023

Protanomaly

11.8372, 0.4420, 0.3226

Deuteranomaly

12.3406, 0.5062, 0.3551

Tritanomaly

14.4028, 0.6095, 0.3229

Monochromacy



Original Color

14.4892, 0.5808, 0.3023

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.6229, 0.4343, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4892, 0.5808, 0.3023 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, 14, 60)` looks like.

```
.text, #text, p{  
    color:rgb(211, 14, 60)  
}
```

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, 14, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 14, 60) }
```

Border

The CSS property to change the border of an element to Yxy 14.4892, 0.5808, 0.3023 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, 14, 60) }
```

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

```
.border{ border-color:rgb(211, 14, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 14, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 14, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 14, 60);  
box-shadow:4px 4px 4px 4px rgb(211, 14,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4892, 0.5808, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 14, 60) }
```

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

```
.background{ background-color: rgb(211, 14,  
60) }
```

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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