

Converting Colors

$Y_{xy}(15.2735, 0.5719, 0.3092)$

Have a look what the booklet for
Yxy(15.2735, 0.5719, 0.3092)
contains.

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Color

Yxy(15.2735, 0.5719, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	D3213D
RGB	211, 33, 61
RGB Percent	83%, 13%, 24%
CMY	0.1726, 0.8705, 0.7608
CMYK	0.00, 0.84, 0.71, 0.17
HSL	351°, 73%, 48%
HSV	351°, 84%, 83%
XYZ	28.2500, 15.2735, 5.8733
YIQ	89.4140, 97.1000, 46.4440

Conversions

Conversions Part 2

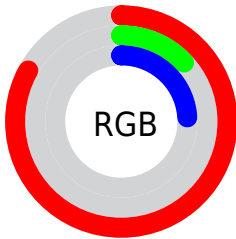
Format	Color
RYB	211, 33, 61
Decimal	13836605
CIELab	46.01, 66.41, 31.34
CIElCh	46, 73.434, 25.263
Yxy	15.2735, 0.5719, 0.3092
Android (android.graphics.Color)	4292026685 (0xFFD3213D)
YUV	89.4140, -14.0081, 106.6309
Hunter-Lab	39.0813, 60.6369, 18.4466

Details

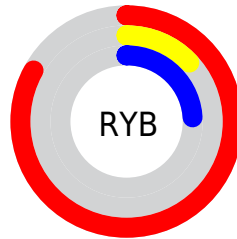
The Yxy color **15.2735, 0.5719, 0.3092** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **50.3318, 0.2394, 0.3711**, and the grayscale version is **10.1044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2664, 0.4973, 0.3212**, and **6.3429, 0.6207, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **14.2858, 0.6051, 0.3151**, and if you desaturate by 10%, it is **17.0595, 0.5309, 0.3061**.

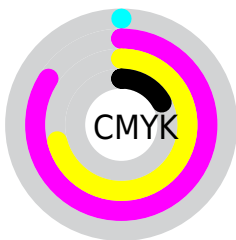
Distribution



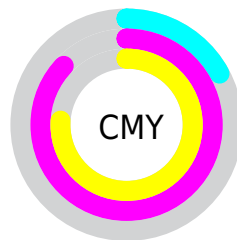
- Red (83%)
- Green (13%)
- Blue (24%)



- Red (83%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (84%)
- Yellow (71%)
- Black (17%)




- Cyan (17%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2735, 0.5719, 0.3092 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 15.2735, 0.5719, 0.3092 by changing the saturation by 10% instead.


 15.2735, 0.5719,
0.3092


 15.2735, 0.5719,
0.3092


225.0157, 0.4215,
0.3319


 9.0116, 0.6143,
0.2967


 35.3323, 0.5128,
0.3219


 4.7487, 0.6694,
0.2758

 49.8979, 0.4918,
0.3252

 2.1006, 0.7555,
0.2445

 68.0002, 0.4746,
0.3275


 0.6650, 0.8275,
0.1725

 90.0236, 0.4604,
0.3290

 0.0000, 1.0000,
0.0000

 116.3524, 0.4483,
0.3301

 0.0000, 0.0000,
0.0000

 147.3711, 0.4380,

0.3309

183.4641, 0.4292,
0.3315

■ 15.2735, 0.5719,
0.3092

■ 15.2735, 0.5719,
0.3092

■ 14.2858, 0.6051,
0.3151

■ 17.0595, 0.5309,
0.3061

■ 13.9596, 0.6194,
0.3186

■ 19.7656, 0.4877,
0.3057

■ 23.4956, 0.4468,
0.3076

■ 28.3386, 0.4108,
0.3109

■ 34.3741, 0.3804,
0.3149

■ 41.6741, 0.3554,
0.3192

■ 50.3052, 0.3351,
0.3234

■ 60.3289, 0.3188,
0.3274

■ 71.8034, 0.3056,
0.3311

Harmonies

Analogous

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



15.2735, 0.4623, 0.2353



15.2735, 0.5719, 0.3092



15.2735, 0.5743, 0.3906

Triad

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



15.2735, 0.5719, 0.3092



15.2735, 0.2615, 0.5929



15.2735, 0.1251, 0.1410

Complementary

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



15.2735, 0.5719, 0.3092



50.3318, 0.2394, 0.3711

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.



15.2735, 0.0994, 0.1742



15.2735, 0.5719, 0.3092



15.2735, 0.1598, 0.4390

Square

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



15.2735, 0.5719, 0.3092



15.2735, 0.3817, 0.5838



15.2735, 0.1074, 0.2661



15.2735, 0.1903, 0.1436

Rectangle

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



15.2735, 0.5719, 0.3092



15.2735, 0.5286, 0.4541



15.2735, 0.1074, 0.2661



15.2735, 0.1127, 0.1474

Sweetspot

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



15.2744, 0.5719, 0.3092



62.8605, 0.3575, 0.3188



15.6563, 0.2856, 0.1422



12.5680, 0.3660, 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.



15.2744, 0.5719, 0.3092



21.4138, 0.6213, 0.3196



21.6730, 0.5471, 0.3825



11.8381, 0.3266, 0.3254



8.4344, 0.6166, 0.3170



0.4814, 0.5705, 0.2917

Inverse Universe

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



15.2744, 0.5719, 0.3092



21.4138, 0.6213, 0.3196



27.3771, 0.2021, 0.2348



11.8381, 0.3266, 0.3254



8.4344, 0.6166, 0.3170



0.4814, 0.5705, 0.2917

Previews

White Background



This preview shows how the Yxy color 15.2735, 0.5719, 0.3092 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 15.2735, 0.5719, 0.3092 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 15.2735, 0.5719, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 15.2735, 0.5719, 0.3092.



This preview shows how white text looks on a background with the Yxy color 15.2735, 0.5719, 0.3092.

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

15.2735, 0.5719, 0.3092

Protanopia

15.6219, 0.3525, 0.3763

Deuteranopia

15.5764, 0.4308, 0.4246



Tritanopia

15.2214, 0.5993, 0.3305

Trichromacy



Original Color

15.2735, 0.5719, 0.3092

Protanomaly

13.1640, 0.4380, 0.3361

Deuteranomaly

13.6543, 0.4955, 0.3640

Tritanomaly

15.1606, 0.5905, 0.3232

Monochromacy



Original Color

15.2735, 0.5719, 0.3092

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.8073, 0.4179, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2735, 0.5719, 0.3092 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, 33, 61)` looks like.

```
.text, #text, p{  
    color:rgb(211, 33, 61)  
}
```

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, 33, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 33, 61) }
```

Border

The CSS property to change the border of an element to Yxy 15.2735, 0.5719, 0.3092 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, 33, 61) }
```

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

```
.border{ border-color:rgb(211, 33, 61) }
```

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

Here you see how a box with a 4 pixel rgb(211, 33, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 33, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 33, 61);  
box-shadow:4px 4px 4px 4px rgb(211, 33,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2735, 0.5719, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 33, 61) }
```

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

```
.background{ background-color: rgb(211, 33,  
61) }
```

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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