

Converting Colors

$Y_{xy}(14.9890, 0.6006, 0.3195)$

Have a look what the booklet for
Yxy(14.9890, 0.6006, 0.3195)
contains.

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Color

Yxy(15.0232, 0.6001, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	D5192C
RGB	213, 25, 44
RGB Percent	84%, 10%, 17%
CMY	0.1647, 0.9019, 0.8273
CMYK	0.00, 0.88, 0.79, 0.16
HSL	354°, 79%, 47%
HSV	354°, 88%, 84%
XYZ	28.2438, 15.0232, 3.7982
YIQ	83.3780, 105.9490, 45.7650

Conversions

Conversions Part 2

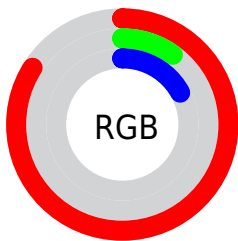
Format	Color
R _Y B	213, 25, 44
Decimal	13965612
CIE Lab	45.67, 67.85, 40.97
CIE LCh	46, 79.265, 31.125
Yxy	15.0232, 0.6001, 0.3192
Android (android.graphics.Color)	4292155692 (0xFFD5192C)
YUV	83.3780, -19.4134, 113.6785
Hunter-Lab	38.7598, 62.2413, 21.3219

Details

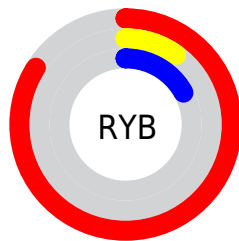
The Yxy color **15.0232, 0.6001, 0.3192** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **51.6894, 0.2343, 0.3569**, and the grayscale version is **8.7576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.1826, 0.5220, 0.3340**, and **6.3896, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.2966, 0.6261, 0.3237**, and if you desaturate by 10%, it is **16.4856, 0.5621, 0.3159**.

Distribution



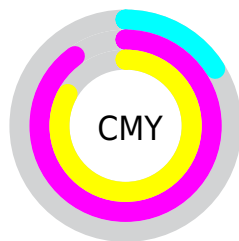
- Red (84%)
- Green (10%)
- Blue (17%)



- Red (84%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (88%)
- Yellow (79%)
- Black (16%)





- Cyan (16%)
- Magenta (90%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0232, 0.6001, 0.3192 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 15.0232, 0.6001, 0.3192 by changing the saturation by 10% instead.


 15.0232, 0.6001,
0.3192


 15.0232, 0.6001,
0.3192


223.5066, 0.4361,
0.3412


 8.8357, 0.6431,
0.3047


 34.8939, 0.5375,
0.3332

 4.6342, 0.7032,
0.2828

 49.3458, 0.5146,
0.3365

 2.0342, 0.7613,
0.2387

 67.3213, 0.4956,
0.3386

 0.6273, 0.8356,
0.1644

 89.2048, 0.4797,
0.3398

 0.0000, 1.0000,
0.0000

 115.3807, 0.4663,
0.3405

 0.0000, 0.0000,
0.0000

 146.2334, 0.4547,

0.3409

182.1472, 0.4448,
0.3411

■ 15.0232, 0.6001,
0.3192

■ 15.0232, 0.6001,
0.3192

■ 14.2966, 0.6261,
0.3237

■ 16.4856, 0.5621,
0.3159

■ 14.2025, 0.6296,
0.3242

■ 18.8478, 0.5177,
0.3146

■ 22.2250, 0.4730,
0.3149

■ 26.7147, 0.4322,
0.3166

■ 32.4028, 0.3971,
0.3190

■ 39.3667, 0.3681,
0.3216

■ 47.6775, 0.3445,
0.3243

■ 57.4009, 0.3255,
0.3270

■ 68.5983, 0.3103,
0.3294

Harmonies

Analogous

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



15.0232, 0.5046, 0.2427



15.0232, 0.6001, 0.3192



15.0232, 0.5770, 0.4054

Triad

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



15.0232, 0.6001, 0.3192



15.0232, 0.2297, 0.5992



15.0232, 0.1247, 0.1289

Complementary

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



15.0232, 0.6001, 0.3192



51.6894, 0.2343, 0.3569

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.



15.0232, 0.0915, 0.1535



15.0232, 0.6001, 0.3192



15.0232, 0.1333, 0.4055

Square

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



15.0232, 0.6001, 0.3192



15.0232, 0.3538, 0.6151



15.0232, 0.0916, 0.2332



15.0232, 0.2016, 0.1380

Rectangle

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



15.0232, 0.6001, 0.3192



15.0232, 0.5205, 0.4785



15.0232, 0.0916, 0.2332



15.0232, 0.1096, 0.1328

Sweetspot

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



15.0241, 0.6001, 0.3192



61.4851, 0.3630, 0.3222



16.5851, 0.2949, 0.1445



12.2982, 0.3721, 0.3212



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.



15.0241, 0.6001, 0.3192



21.3338, 0.6309, 0.3249



22.7794, 0.5470, 0.3906



12.4410, 0.3275, 0.3267



8.6825, 0.6275, 0.3230



0.5308, 0.5949, 0.3051

Inverse Universe

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



15.0241, 0.6001, 0.3192



21.3338, 0.6309, 0.3249



24.0424, 0.1951, 0.2139



12.4410, 0.3275, 0.3267



8.6825, 0.6275, 0.3230



0.5308, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 15.0232, 0.6001, 0.3192 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 15.0232, 0.6001, 0.3192 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 15.0232, 0.6001, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 15.0232, 0.6001, 0.3192.



This preview shows how white text looks on a background with the Yxy color 15.0232, 0.6001, 0.3192.

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

15.0232, 0.6001, 0.3192

Protanopia

15.2526, 0.3834, 0.4159

Deuteranopia

15.3077, 0.4543, 0.4489



Tritanopia

15.0951, 0.6165, 0.3317

Trichromacy



Original Color

15.0232, 0.6001, 0.3192

Protanomaly

12.5266, 0.4792, 0.3610

Deuteranomaly

13.1470, 0.5302, 0.3805

Tritanomaly

15.0809, 0.6113, 0.3279

Monochromacy



Original Color

15.0232, 0.6001, 0.3192

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.6207, 0.4399, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0232, 0.6001, 0.3192 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(213, 25, 44)` looks like.

```
.text, #text, p{  
    color:rgb(213, 25, 44)  
}
```

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(213, 25, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 25, 44) }
```

Border

The CSS property to change the border of an element to Yxy 15.0232, 0.6001, 0.3192 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(213, 25, 44) }
```

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

```
.border{ border-color:rgb(213, 25, 44) }
```

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

Here you see how a box with a 4 pixel rgb(213, 25, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 25, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 25, 44);  
box-shadow:4px 4px 4px 4px rgb(213, 25,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0232, 0.6001, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 25, 44) }
```

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

```
.background{ background-color: rgb(213, 25,  
44) }
```

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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