

Converting Colors

$Yxy(14.3950, 0.5662, 0.2893)$

Have a look what the booklet for
Yxy(14.3950, 0.5662, 0.2893)
contains.

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Color

Yxy(14.4520, 0.5658, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	D40047
RGB	212, 0, 71
RGB Percent	83%, 0%, 28%
CMY	0.1685, 1.0000, 0.7215
CMYK	0.00, 1.00, 0.67, 0.17
HSL	340°, 100%, 42%
HSV	340°, 100%, 83%
XYZ	28.2939, 14.4520, 7.2610
YIQ	71.4820, 103.5610, 67.0250

Conversions

Conversions Part 2

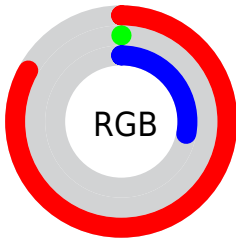
Format	Color
RYB	212, 0, 71
Decimal	13893703
CIELab	44.87, 71.46, 23.85
CIELCh	45, 75.339, 18.457
Yxy	14.4520, 0.5658, 0.2890
Android (android.graphics.Color)	4292083783 (0xFFD40047)
YUV	71.4820, -0.2376, 123.2343
Hunter-Lab	38.0158, 66.3241, 15.2867

Details

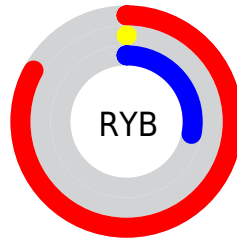
The Yxy color **14.4520, 0.5658, 0.2890** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49.0218, 0.2565, 0.4434**, and the grayscale version is **6.3756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5714, 0.4891, 0.3010**, and **6.4783, 0.6053, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **14.4555, 0.5658, 0.2890**, and if you desaturate by 10%, it is **15.2018, 0.5355, 0.2800**.

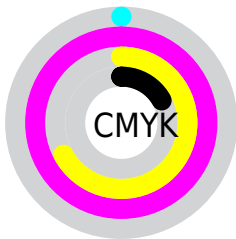
Distribution



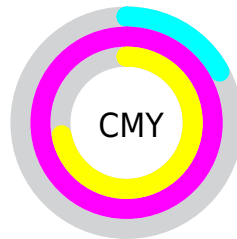
- Red (83%)
- Green (0%)
- Blue (28%)



- Red (83%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (17%)




- Cyan (17%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4520, 0.5658, 0.2890 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 14.4520, 0.5658, 0.2890 by changing the saturation by 10% instead.


 14.4520, 0.5658,
0.2890


 14.4520, 0.5658,
0.2890


220.0249, 0.4171,
0.3210


 8.4357, 0.6094,
0.2751


 33.8889, 0.5065,
0.3046


 4.3750, 0.6674,
0.2529


 48.0783, 0.4858,
0.3091


 1.8855, 0.7639,
0.2214

 65.7609, 0.4689,
0.3125


 0.5396, 0.8557,
0.1443

 87.3210, 0.4549,
0.3151

 0.0000, 1.0000,
0.0000

 113.1431, 0.4432,
0.3171

 0.0000, 0.0000,
0.0000

 143.6115, 0.4332,

0.3187

179.1106, 0.4246,
0.3199

■ 14.4520, 0.5658,
0.2890

■ 14.4520, 0.5658,
0.2890

■ 14.4555, 0.5658,
0.2890

■ 15.2018, 0.5355,
0.2800

■ 16.5901, 0.5017,
0.2750

■ 18.8223, 0.4670,
0.2750

■ 22.0105, 0.4340,
0.2789

■ 26.2493, 0.4043,
0.2856

■ 31.6217, 0.3786,
0.2939

■ 38.2026, 0.3571,
0.3029

■ 46.0600, 0.3393,
0.3119

■ 55.2573, 0.3247,
0.3207

Harmonies

Analogous

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



14.4520, 0.4320, 0.2161



14.4520, 0.5658, 0.2890



14.4520, 0.5914, 0.3688

Triad

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



14.4520, 0.5658, 0.2890



14.4520, 0.2845, 0.6186



14.4520, 0.1109, 0.1393

Complementary

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



14.4520, 0.5658, 0.2890



49.0218, 0.2565, 0.4434

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.



14.4520, 0.0924, 0.1832



14.4520, 0.5658, 0.2890



14.4520, 0.1732, 0.4910

Square

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



14.4520, 0.5658, 0.2890



14.4520, 0.4098, 0.5738



14.4520, 0.1084, 0.2960



14.4520, 0.1666, 0.1350

Rectangle

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



14.4520, 0.5658, 0.2890



14.4520, 0.5536, 0.4312



14.4520, 0.1084, 0.2960



14.4520, 0.1011, 0.1486

Sweetspot

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



14.4555, 0.5658, 0.2890



57.6656, 0.3577, 0.3026



10.1421, 0.2337, 0.1061



11.3875, 0.3665, 0.2987



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.



14.4555, 0.5658, 0.2890



21.9223, 0.5684, 0.2905



15.0229, 0.6269, 0.3404



12.4887, 0.3239, 0.3212



8.9387, 0.5620, 0.2870



0.5543, 0.5131, 0.2600

Inverse Universe

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



14.4555, 0.5658, 0.2890



21.9223, 0.5684, 0.2905



37.4857, 0.2112, 0.2802



12.4887, 0.3239, 0.3212



8.9387, 0.5620, 0.2870



0.5543, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 14.4520, 0.5658, 0.2890 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 14.4520, 0.5658, 0.2890 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 14.4520, 0.5658, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 14.4520, 0.5658, 0.2890.



This preview shows how white text looks on a background with the Yxy color 14.4520, 0.5658, 0.2890.

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

14.4520, 0.5658, 0.2890

Protanopia

15.1246, 0.3207, 0.3353

Deuteranopia

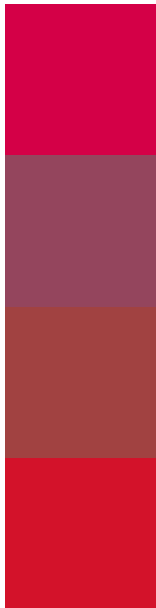
14.9430, 0.4150, 0.4077



Tritanopia

14.7978, 0.6161, 0.3318

Trichromacy



Original Color

14.4520, 0.5658, 0.2890

Protanomaly

11.3425, 0.4147, 0.2883

Deuteranomaly

11.8552, 0.4914, 0.3310

Tritanomaly

14.4487, 0.6047, 0.3177

Monochromacy



Original Color

14.4520, 0.5658, 0.2890

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

6.4693, 0.4345, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4520, 0.5658, 0.2890 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(212, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 71)  
}
```

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(212, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 71) }
```

Border

The CSS property to change the border of an element to Yxy 14.4520, 0.5658, 0.2890 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(212, 0, 71) }
```

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

```
.border{ border-color:rgb(212, 0, 71) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 71)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4520, 0.5658, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 71) }
```

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

```
.background{ background-color: rgb(212, 0,  
71) }
```

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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