

Converting Colors

$Yxy(14.7435, 0.5724, 0.2927)$

Have a look what the booklet for
Yxy(14.7435, 0.5724, 0.2927)
contains.

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Color

Yxy(14.7135, 0.5723, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	D60044
RGB	214, 0, 68
RGB Percent	84%, 0%, 27%
CMY	0.1607, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.68, 0.16
HSL	341°, 100%, 42%
HSV	341°, 100%, 84%
XYZ	28.7783, 14.7135, 6.7936
YIQ	71.7380, 105.7160, 66.5160

Conversions

Conversions Part 2

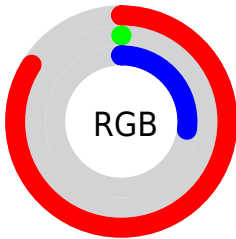
Format	Color
R_{YB}	214, 0, 68
Decimal	14024772
CIE Lab	45.24, 71.78, 26.26
CIE LCh	45, 76.437, 20.093
Yxy	14.7135, 0.5723, 0.2926
Android (android.graphics.Color)	4292214852 (0xFFD60044)
YUV	71.7380, -1.8428, 124.7638
Hunter-Lab	38.3582, 66.7932, 16.3500

Details

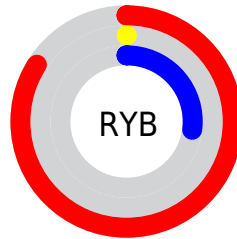
The Yxy color **14.7135, 0.5723, 0.2926** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **50.1756, 0.2548, 0.4372**, and the grayscale version is **6.4236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6657, 0.4927, 0.3047**, and **6.6539, 0.6113, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **14.7157, 0.5723, 0.2926**, and if you desaturate by 10%, it is **15.4680, 0.5418, 0.2835**.

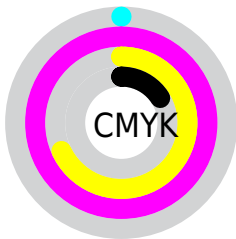
Distribution



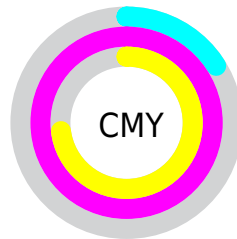
- Red (84%)
- Green (0%)
- Blue (27%)



- Red (84%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7135, 0.5723, 0.2926 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 14.7135, 0.5723, 0.2926 by changing the saturation by 10% instead.


 14.7135, 0.5723,
0.2926


 14.7135, 0.5723,
0.2926


221.6255, 0.4205,
0.3234

 8.6186, 0.6161,
0.2786


 34.3498, 0.5122,
0.3080


 4.4932, 0.6738,
0.2562

 48.6599, 0.4910,
0.3124


 1.9531, 0.7739,
0.2260

 66.4772, 0.4737,
0.3156

 0.5800, 0.8510,
0.1490

 88.1862, 0.4594,
0.3180

 0.0000, 1.0000,
0.0000

 114.1710, 0.4473,
0.3199

 0.0000, 0.0000,
0.0000

 144.8163, 0.4370,

0.3213

180.5063, 0.4282,
0.3225

■ 14.7135, 0.5723,
0.2926

■ 14.7135, 0.5723,
0.2926

■ 14.7157, 0.5723,
0.2926

■ 15.4680, 0.5418,
0.2835

■ 16.8787, 0.5073,
0.2784

■ 19.1537, 0.4716,
0.2780

■ 22.4080, 0.4375,
0.2815

■ 26.7385, 0.4069,
0.2878

■ 32.2305, 0.3804,
0.2956

■ 38.9606, 0.3583,
0.3042

■ 46.9988, 0.3399,
0.3128

■ 56.4098, 0.3249,
0.3211

Harmonies

Analogous

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



14.7135, 0.4419, 0.2190



14.7135, 0.5723, 0.2926



14.7135, 0.5912, 0.3731

Triad

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



14.7135, 0.5723, 0.2926



14.7135, 0.2771, 0.6193



14.7135, 0.1119, 0.1372

Complementary

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



14.7135, 0.5723, 0.2926



50.1756, 0.2548, 0.4372

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.



14.7135, 0.0915, 0.1783



14.7135, 0.5723, 0.2926



14.7135, 0.1670, 0.4813

Square

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



14.7135, 0.5723, 0.2926



14.7135, 0.4027, 0.5802



14.7135, 0.1052, 0.2868



14.7135, 0.1701, 0.1347

Rectangle

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



14.7135, 0.5723, 0.2926



14.7135, 0.5505, 0.4368



14.7135, 0.1052, 0.2868



14.7135, 0.1014, 0.1457

Sweetspot

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



14.7157, 0.5723, 0.2926



57.6029, 0.3589, 0.3039



10.6665, 0.2376, 0.1083



11.3729, 0.3679, 0.3002



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.



14.7157, 0.5723, 0.2926



21.8546, 0.5748, 0.2940



15.5400, 0.6246, 0.3423



12.4852, 0.3242, 0.3216



8.9102, 0.5684, 0.2905



0.5523, 0.5190, 0.2633

Inverse Universe

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



14.7157, 0.5723, 0.2926



21.8546, 0.5748, 0.2940



36.8340, 0.2096, 0.2744



12.4852, 0.3242, 0.3216



8.9102, 0.5684, 0.2905



0.5523, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 14.7135, 0.5723, 0.2926 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 14.7135, 0.5723, 0.2926 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 14.7135, 0.5723, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 14.7135, 0.5723, 0.2926.



This preview shows how white text looks on a background with the Yxy color 14.7135, 0.5723, 0.2926.

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

14.7135, 0.5723, 0.2926

Protanopia

15.3681, 0.3298, 0.3477

Deuteranopia

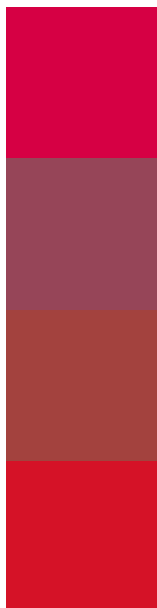
15.2744, 0.4207, 0.4134



Tritanopia

15.0385, 0.6185, 0.3321

Trichromacy



Original Color

14.7135, 0.5723, 0.2926

Protanomaly

11.4449, 0.4279, 0.2974

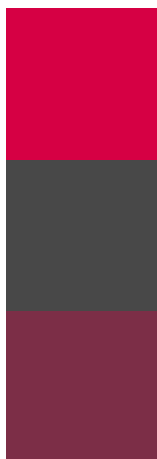
Deuteranomaly

12.0308, 0.4994, 0.3352

Tritanomaly

14.7252, 0.6088, 0.3199

Monochromacy



Original Color

14.7135, 0.5723, 0.2926

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

6.6940, 0.4376, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7135, 0.5723, 0.2926 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, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 68)  
}
```

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, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 68) }
```

Border

The CSS property to change the border of an element to Yxy 14.7135, 0.5723, 0.2926 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, 0, 68) }
```

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

```
.border{ border-color:rgb(214, 0, 68) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 68)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.7135, 0.5723, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 68) }
```

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

```
.background{ background-color: rgb(214, 0,  
68) }
```

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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