

Converting Colors

$Yxy(14.4023, 0.5728, 0.2929)$

Have a look what the booklet for
Yxy(14.4023, 0.5728, 0.2929)
contains.

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Color

Yxy(14.4023, 0.5728, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	D40043
RGB	212, 0, 67
RGB Percent	83%, 0%, 26%
CMY	0.1686, 0.9999, 0.7373
CMYK	0.00, 1.00, 0.68, 0.17
HSL	341°, 100%, 42%
HSV	341°, 100%, 83%
XYZ	28.1654, 14.4023, 6.6037
YIQ	71.0260, 104.8450, 65.7810

Conversions

Conversions Part 2

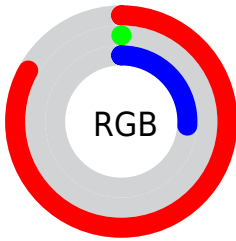
Format	Color
RYB	212, 0, 67
Decimal	13893699
CIELab	44.80, 71.26, 26.26
CIElCh	45, 75.942, 20.227
Yxy	14.4023, 0.5728, 0.2929
Android (android.graphics.Color)	4292083779 (0xFFD40043)
YUV	71.0260, -1.9848, 123.6342
Hunter-Lab	37.9504, 66.0630, 16.2482

Details

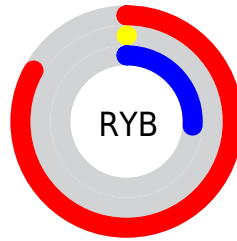
The Yxy color **14.4023, 0.5728, 0.2929** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49.1348, 0.2546, 0.4365**, and the grayscale version is **6.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4773, 0.4946, 0.3049**, and **6.4597, 0.6122, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **14.4028, 0.5728, 0.2929**, and if you desaturate by 10%, it is **15.1435, 0.5422, 0.2838**.

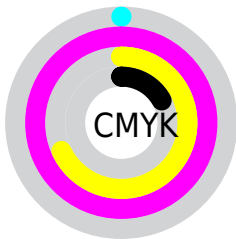
Distribution



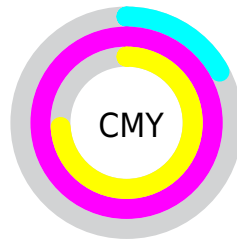
- Red (83%)
- Green (0%)
- Blue (26%)



- Red (83%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4023, 0.5728, 0.2929 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 14.4023, 0.5728, 0.2929 by changing the saturation by 10% instead.


 14.4023, 0.5728,
0.2929


 14.4023, 0.5728,
0.2929


219.7194, 0.4203,
0.3237


 8.4010, 0.6170,
0.2788


 33.8012, 0.5122,
0.3083


 4.3526, 0.6753,
0.2561

 47.9675, 0.4909,
0.3127

 1.8727, 0.7752,
0.2248

 65.6243, 0.4736,
0.3159

 0.5319, 0.8563,
0.1437

 87.1560, 0.4592,
0.3183

 0.0000, 1.0000,
0.0000

 112.9470, 0.4471,
0.3202

 0.0000, 0.0000,
0.0000

 143.3816, 0.4368,

0.3216

178.8443, 0.4280,
0.3227

■ 14.4023, 0.5728,
0.2929

■ 14.4023, 0.5728,
0.2929

■ 14.4028, 0.5728,
0.2929

■ 15.1435, 0.5422,
0.2838

■ 16.5278, 0.5077,
0.2787

■ 18.7581, 0.4719,
0.2783

■ 21.9466, 0.4377,
0.2818

■ 26.1882, 0.4070,
0.2880

■ 31.5661, 0.3806,
0.2959

■ 38.1552, 0.3583,
0.3043

■ 46.0239, 0.3400,
0.3129

■ 55.2355, 0.3250,
0.3212

Harmonies

Analogous

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



14.4023, 0.4427, 0.2192



14.4023, 0.5728, 0.2929



14.4023, 0.5912, 0.3734

Triad

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



14.4023, 0.5728, 0.2929



14.4023, 0.2765, 0.6194



14.4023, 0.1119, 0.1370

Complementary

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



14.4023, 0.5728, 0.2929



49.1348, 0.2546, 0.4365

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.



14.4023, 0.0914, 0.1779



14.4023, 0.5728, 0.2929



14.4023, 0.1666, 0.4805

Square

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



14.4023, 0.5728, 0.2929



14.4023, 0.4022, 0.5809



14.4023, 0.1050, 0.2861



14.4023, 0.1704, 0.1347

Rectangle

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



14.4023, 0.5728, 0.2929



14.4023, 0.5503, 0.4374



14.4023, 0.1050, 0.2861



14.4023, 0.1014, 0.1454

Sweetspot

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



14.4032, 0.5728, 0.2929



57.5961, 0.3590, 0.3041



10.7624, 0.2416, 0.1105



11.3713, 0.3680, 0.3004



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.



14.4032, 0.5728, 0.2929



21.8475, 0.5754, 0.2944



15.4410, 0.6218, 0.3445



12.4848, 0.3242, 0.3217



8.9072, 0.5691, 0.2909



0.5521, 0.5196, 0.2636

Inverse Universe

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



14.4032, 0.5728, 0.2929



21.8475, 0.5754, 0.2944



34.6947, 0.2080, 0.2687



12.4848, 0.3242, 0.3217



8.9072, 0.5691, 0.2909



0.5521, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 14.4023, 0.5728, 0.2929 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 14.4023, 0.5728, 0.2929 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 14.4023, 0.5728, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 14.4023, 0.5728, 0.2929.



This preview shows how white text looks on a background with the Yxy color 14.4023, 0.5728, 0.2929.

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

14.4023, 0.5728, 0.2929

Protanopia

15.0707, 0.3300, 0.3478

Deuteranopia

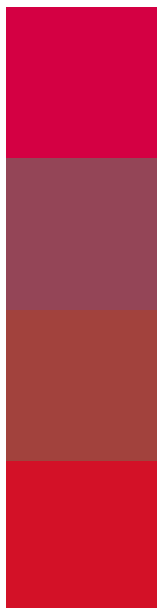
14.9824, 0.4216, 0.4139



Tritanopia

14.6946, 0.6186, 0.3317

Trichromacy



Original Color

14.4023, 0.5728, 0.2929

Protanomaly

11.2403, 0.4267, 0.2986

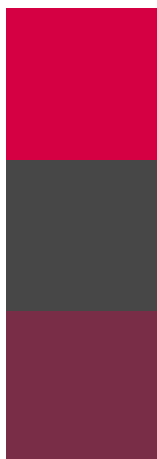
Deuteranomaly

11.9147, 0.4999, 0.3367

Tritanomaly

14.3963, 0.6085, 0.3194

Monochromacy



Original Color

14.4023, 0.5728, 0.2929

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

6.4565, 0.4371, 0.2803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4023, 0.5728, 0.2929 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 67) }
```

Border

The CSS property to change the border of an element to Yxy 14.4023, 0.5728, 0.2929 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, 67) }
```

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

```
.border{ border-color:rgb(212, 0, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 67)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4023, 0.5728, 0.2929 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, 67) }
```

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

```
.background{ background-color: rgb(212, 0,  
67) }
```

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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