

Converting Colors

$Y_{xy}(14.7427, 0.5228, 0.2654)$

Have a look what the booklet for
Yxy(14.7427, 0.5228, 0.2654)
contains.

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Color

Yxy(14.7874, 0.5240, 0.2660)

Conversions

Conversions Part 1

Format	Color
Hex	D4005D
RGB	212, 0, 93
RGB Percent	83%, 0%, 36%
CMY	0.1686, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.56, 0.17
HSL	334°, 100%, 42%
HSV	334°, 100%, 83%
XYZ	29.1301, 14.7874, 11.6743
YIQ	73.9900, 96.4990, 73.8670

Conversions

Conversions Part 2

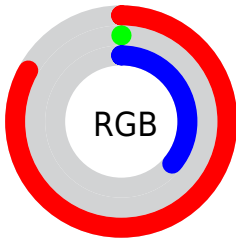
Format	Color
R_{YB}	212, 0, 93
Decimal	13893725
CIE Lab	45.34, 72.71, 10.75
CIE LCh	45, 73.496, 8.409
Yxy	14.7874, 0.5240, 0.2660
Android (android.graphics.Color)	4292083805 (0xFFD4005D)
YUV	73.9900, 9.3719, 121.0348
Hunter-Lab	38.4544, 67.9226, 8.9184

Details

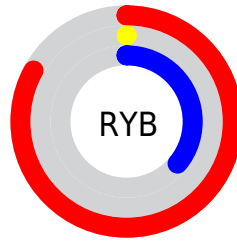
The Yxy color **14.7874, 0.5240, 0.2660** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **48.4260, 0.2669, 0.4809**, and the grayscale version is **6.8168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.3879, 0.4550, 0.2778**, and **6.6974, 0.5650, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **14.7893, 0.5240, 0.2660**, and if you desaturate by 10%, it is **15.5607, 0.4971, 0.2581**.

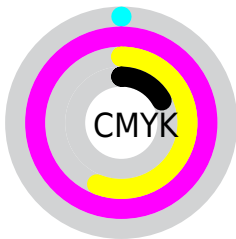
Distribution



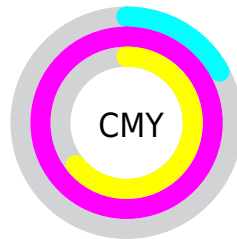
- Red (83%)
- Green (0%)
- Blue (36%)



- Red (83%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (17%)




- Cyan (17%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7874, 0.5240, 0.2660 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 14.7874, 0.5240, 0.2660 by changing the saturation by 10% instead.


 14.7874, 0.5240,
0.2660


 14.7874, 0.5240,
0.2660


222.0758, 0.3997,
0.3063


 8.6703, 0.5618,
0.2521


 34.4798, 0.4739,
0.2833


 4.5268, 0.6142,
0.2315

 48.8239, 0.4566,
0.2889


 1.9724, 0.6892,
0.1992

 66.6791, 0.4426,
0.2934

 0.5914, 0.8517,
0.1483

 88.4298, 0.4310,
0.2970

 0.0000, 1.0000,
0.0000

 114.4604, 0.4213,
0.2999

 0.0000, 0.0000,
0.0000

 145.1554, 0.4130,

0.3024

180.8990, 0.4059,
0.3045

■ 14.7874, 0.5240,
0.2660

■ 14.7874, 0.5240,
0.2660

■ 14.7893, 0.5240,
0.2660

■ 15.5607, 0.4971,
0.2581

■ 16.9634, 0.4687,
0.2549

■ 19.1984, 0.4403,
0.2569

■ 22.3768, 0.4135,
0.2631

■ 26.5921, 0.3893,
0.2723

■ 31.9267, 0.3682,
0.2832

■ 38.4544, 0.3503,
0.2949

■ 46.2427, 0.3354,
0.3067

■ 55.3541, 0.3229,
0.3182

Harmonies

Analogous

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



14.7874, 0.3751, 0.1980



14.7874, 0.5240, 0.2660



14.7874, 0.5886, 0.3429

Triad

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



14.7874, 0.5240, 0.2660



14.7874, 0.3280, 0.6094



14.7874, 0.1051, 0.1528

Complementary

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



14.7874, 0.5240, 0.2660



48.4260, 0.2669, 0.4809

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.



14.7874, 0.0978, 0.2150



14.7874, 0.5240, 0.2660



14.7874, 0.2110, 0.5445

Square

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



14.7874, 0.5240, 0.2660



14.7874, 0.4500, 0.5362



14.7874, 0.1285, 0.3549



14.7874, 0.1467, 0.1369

Rectangle

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



14.7874, 0.5240, 0.2660



14.7874, 0.5709, 0.3995



14.7874, 0.1285, 0.3549



14.7874, 0.0990, 0.1671

Sweetspot

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



14.7893, 0.5240, 0.2660



58.0564, 0.3509, 0.2946



8.5089, 0.2116, 0.0939



11.4790, 0.3581, 0.2895



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.



14.7893, 0.5240, 0.2660



22.4266, 0.5265, 0.2674



14.2293, 0.6370, 0.3324



12.5104, 0.3223, 0.3188



9.1483, 0.5205, 0.2641



0.5683, 0.4775, 0.2404

Inverse Universe

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



14.7893, 0.5240, 0.2660



22.4266, 0.5265, 0.2674



46.7202, 0.2203, 0.3132



12.5104, 0.3223, 0.3188



9.1483, 0.5205, 0.2641



0.5683, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 14.7874, 0.5240, 0.2660 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 14.7874, 0.5240, 0.2660 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 14.7874, 0.5240, 0.2660

Background



This preview shows how black text looks on a background with the Yxy color 14.7874, 0.5240, 0.2660.



This preview shows how white text looks on a background with the Yxy color 14.7874, 0.5240, 0.2660.

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

14.7874, 0.5240, 0.2660

Protanopia

15.3580, 0.2749, 0.2754

Deuteranopia

15.3324, 0.3756, 0.3702



Tritanopia

15.1521, 0.6010, 0.3305

Trichromacy



Original Color

14.7874, 0.5240, 0.2660



Protanomaly

11.4519, 0.3555, 0.2417



Deuteranomaly

12.0734, 0.4451, 0.2981



Tritanomaly

14.7976, 0.5821, 0.3084

Monochromacy



Original Color

14.7874, 0.5240, 0.2660



Achromatopsia

6.8478, 0.3127, 0.3290



Achromatomaly

6.9122, 0.4116, 0.2631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7874, 0.5240, 0.2660 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, 93)` looks like.

```
.text, #text, p{  
  color:rgb(212, 0, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.7874, 0.5240, 0.2660 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, 93) }
```

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

```
.border{ border-color:rgb(212, 0, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 93)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.7874, 0.5240, 0.2660 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, 93) }
```

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

```
.background{ background-color: rgb(212, 0,  
93) }
```

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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