

Converting Colors

$Y_{xy}(17.2151, 0.5126, 0.2682)$

Have a look what the booklet for
Yxy(17.2151, 0.5126, 0.2682)
contains.

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Color

Yxy(17.1842, 0.5119, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	DE1966
RGB	222, 25, 102
RGB Percent	87%, 10%, 40%
CMY	0.1294, 0.9020, 0.5999
CMYK	0.00, 0.89, 0.54, 0.13
HSL	337°, 80%, 48%
HSV	337°, 89%, 87%
XYZ	32.8722, 17.1842, 14.1596
YIQ	92.6810, 92.6950, 65.7110

Conversions

Conversions Part 2

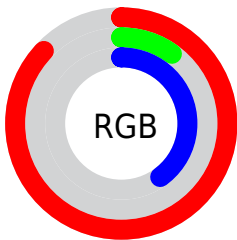
Format	Color
R_{YB}	222, 25, 102
Decimal	14555494
CIE _{Lab}	48.49, 72.99, 9.86
CIE _{LCh}	48, 73.651, 7.697
Yxy	17.1842, 0.5119, 0.2676
Android (android.graphics.Color)	4292745574 (0xFFDE1966)
YUV	92.6810, 4.5943, 113.4128
Hunter-Lab	41.4538, 69.0032, 8.7656

Details

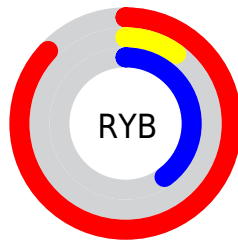
The Yxy color **17.1842, 0.5119, 0.2676** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **54.4958, 0.2598, 0.4476**, and the grayscale version is **10.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4836, 0.4374, 0.2761**, and **7.7591, 0.5550, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **16.3040, 0.5409, 0.2761**, and if you desaturate by 10%, it is **18.8295, 0.4806, 0.2640**.

Distribution



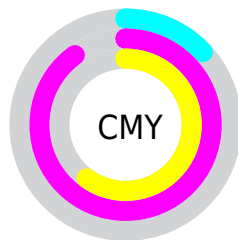
- Red (87%)
- Green (10%)
- Blue (40%)



- Red (87%)
- Yellow (10%)
- Blue (40%)



- Cyan (0%)
- Magenta (89%)
- Yellow (54%)
- Black (13%)




- Cyan (13%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1842, 0.5119, 0.2676 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 17.1842, 0.5119, 0.2676 by changing the saturation by 10% instead.


 17.1842, 0.5119,
0.2676


 17.1842, 0.5119,
0.2676


236.2316, 0.3970,
0.3057


 10.3659, 0.5459,
0.2550


 38.6422, 0.4662,
0.2836


 5.6422, 0.5925,
0.2369

 54.0507, 0.4503,
0.2889


 2.6288, 0.6587,
0.2091

 73.0914, 0.4372,
0.2932

 0.9412, 0.7725,
0.1680

 96.1487, 0.4264,
0.2966

 0.0000, 1.0000,
0.0000

 123.6070, 0.4173,
0.2995

 0.0000, 0.0000,
0.0000

 155.8506, 0.4096,

0.3019

193.2641, 0.4028,
0.3040

■ 17.1842, 0.5119,
0.2676

■ 17.1842, 0.5119,
0.2676

■ 16.3040, 0.5409,
0.2761

■ 18.8295, 0.4806,
0.2640

■ 16.2152, 0.5444,
0.2773


■ 21.4223, 0.4492,
0.2655


■ 25.0858, 0.4197,
0.2711

■ 29.9234, 0.3933,
0.2794

■ 36.0265, 0.3706,
0.2893

 43.4772, 0.3513,
0.2998

 52.3506, 0.3354,
0.3104

 62.7164, 0.3222,
0.3206

 74.6394, 0.3115,
0.3302

Harmonies

Analogous

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



17.1842, 0.3693, 0.2013



17.1842, 0.5119, 0.2676



17.1842, 0.5778, 0.3434

Triad

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



17.1842, 0.5119, 0.2676



17.1842, 0.3336, 0.5964



17.1842, 0.1105, 0.1598

Complementary

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



17.1842, 0.5119, 0.2676



54.4958, 0.2598, 0.4476

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.



17.1842, 0.1045, 0.2227



17.1842, 0.5119, 0.2676



17.1842, 0.2191, 0.5360

Square

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



17.1842, 0.5119, 0.2676



17.1842, 0.4498, 0.5274



17.1842, 0.1368, 0.3589



17.1842, 0.1507, 0.1428

Rectangle

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



17.1842, 0.5119, 0.2676



17.1842, 0.5641, 0.3989



17.1842, 0.1368, 0.3589



17.1842, 0.1049, 0.1744

Sweetspot

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



17.1852, 0.5119, 0.2676



61.2486, 0.3487, 0.3014



11.8270, 0.2331, 0.1107



12.2907, 0.3547, 0.2978



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.



17.1852, 0.5119, 0.2676



22.1742, 0.5464, 0.2783



17.4544, 0.6084, 0.3401



13.7888, 0.3231, 0.3199



9.6513, 0.5406, 0.2752



0.6862, 0.4994, 0.2525

Inverse Universe

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



17.1852, 0.5119, 0.2676



22.1742, 0.5464, 0.2783



47.8649, 0.2185, 0.3007



13.7888, 0.3231, 0.3199



9.6513, 0.5406, 0.2752



0.6862, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 17.1842, 0.5119, 0.2676 looks on a white background.

Color Contrast Check

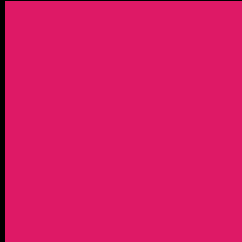
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1842, 0.5119, 0.2676 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 17.1842, 0.5119, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 17.1842, 0.5119, 0.2676.



This preview shows how white text looks on a background with the Yxy color 17.1842, 0.5119, 0.2676.

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

17.1842, 0.5119, 0.2676

Protanopia

17.5570, 0.2727, 0.2728

Deuteranopia

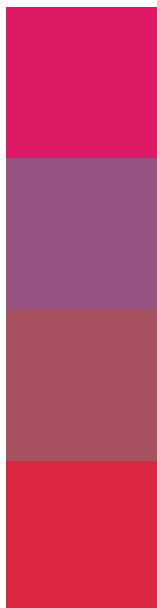
17.5296, 0.3693, 0.3645



Tritanopia

17.3669, 0.5884, 0.3298

Trichromacy



Original Color

17.1842, 0.5119, 0.2676

Protanomaly

14.1036, 0.3485, 0.2513

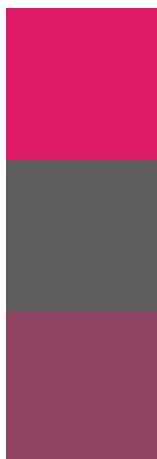
Deuteranomaly

14.7973, 0.4310, 0.3049

Tritanomaly

17.1517, 0.5680, 0.3093

Monochromacy



Original Color

17.1842, 0.5119, 0.2676

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5542, 0.3960, 0.2788

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1842, 0.5119, 0.2676 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(222, 25, 102)` looks like.

```
.text, #text, p{  
    color:rgb(222, 25, 102)  
}
```

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(222, 25, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 25, 102) }
```

Border

The CSS property to change the border of an element to Yxy 17.1842, 0.5119, 0.2676 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(222, 25, 102) }
```

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

```
.border{ border-color:rgb(222, 25, 102) }
```

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

Here you see how a box with a 4 pixel rgb(222, 25, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 25, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 25, 102);  
box-shadow:4px 4px 4px 4px rgb(222, 25,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1842, 0.5119, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 25, 102) }
```

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

```
.background{ background-color: rgb(222, 25,  
102) }
```

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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