

Converting Colors

$Y_{xy}(19.2597, 0.5064, 0.2564)$

Have a look what the booklet for
Yxy(19.2597, 0.5064, 0.2564)
contains.

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Color

Yxy(19.2423, 0.5056, 0.2559)

Conversions

Conversions Part 1

Format	Color
Hex	ED0073
RGB	237, 0, 115
RGB Percent	93%, 0%, 45%
CMY	0.0706, 0.9996, 0.5490
CMYK	0.00, 1.00, 0.51, 0.07
HSL	331°, 100%, 46%
HSV	331°, 100%, 93%
XYZ	38.0184, 19.2423, 17.9339
YIQ	83.9730, 104.3370, 86.0090

Conversions

Conversions Part 2

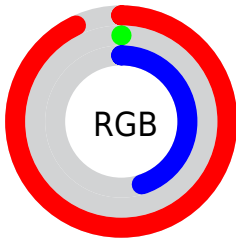
Format	Color
R_YB	237, 0, 115
Decimal	15532147
CIE _{Lab}	50.97, 79.74, 5.83
CIE _{LCh}	51, 79.953, 4.184
Yxy	19.2423, 0.5056, 0.2559
Android (android.graphics.Color)	4293722227 (0xFFED0073)
YUV	83.9730, 15.2963, 134.2047
Hunter-Lab	43.8660, 77.9391, 6.4665

Details

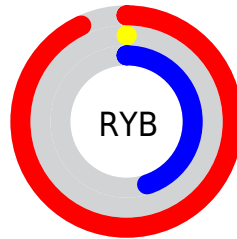
The Yxy color **19.2423, 0.5056, 0.2559** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **61.9717, 0.2717, 0.4982**, and the grayscale version is **8.8236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2344, 0.4199, 0.2588**, and **9.4160, 0.5405, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **19.2402, 0.5057, 0.2559**, and if you desaturate by 10%, it is **20.1861, 0.4810, 0.2484**.

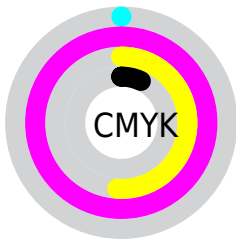
Distribution



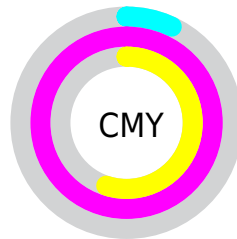
- Red (93%)
- Green (0%)
- Blue (45%)



- Red (93%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2423, 0.5056, 0.2559 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 19.2423, 0.5056, 0.2559 by changing the saturation by 10% instead.


 19.2423, 0.5056,
0.2559


 19.2423, 0.5056,
0.2559


247.7831, 0.3966,
0.2987


 11.8455, 0.5369,
0.2430

 42.1431, 0.4629,
0.2731

 6.6386, 0.5792,
0.2250


 58.4159, 0.4478,
0.2790

 3.2371, 0.6387,
0.1989

 78.4162, 0.4354,
0.2839

 1.2567, 0.7250,
0.1592

 102.5283, 0.4251,
0.2879

 0.1073, 0.9620,
0.0380

 131.1367, 0.4163,
0.2912

 0.0000, 1.0000,
0.0000

 164.6257, 0.4088,

 0.0000, 0.0000,

0.2941

0.0000

203.3797, 0.4023,
0.2966

■ 19.2423, 0.5056,
0.2559

■ 19.2423, 0.5056,
0.2559

■ 19.2402, 0.5057,
0.2559

■ 20.1861, 0.4810,
0.2484

■ 21.9525, 0.4553,
0.2459

■ 24.7892, 0.4296,
0.2487

■ 28.8426, 0.4053,
0.2559

■ 34.2360, 0.3833,
0.2661

■ 41.0772, 0.3640,
0.2783

■ 49.4631, 0.3476,
0.2912

■ 59.4821, 0.3337,
0.3043

■ 71.2158, 0.3222,
0.3170

Harmonies

Analogous

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



19.2423, 0.3528, 0.1903



19.2423, 0.5056, 0.2559



19.2423, 0.5857, 0.3319

Triad

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



19.2423, 0.5056, 0.2559



19.2423, 0.3453, 0.6035



19.2423, 0.1025, 0.1586

Complementary

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



19.2423, 0.5056, 0.2559



61.9717, 0.2717, 0.4982

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.



19.2423, 0.1000, 0.2297



19.2423, 0.5056, 0.2559



19.2423, 0.2268, 0.5640

Square

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



19.2423, 0.5056, 0.2559



19.2423, 0.4648, 0.5199



19.2423, 0.1374, 0.3813



19.2423, 0.1388, 0.1375

Rectangle

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



19.2423, 0.5056, 0.2559



19.2423, 0.5774, 0.3871



19.2423, 0.1374, 0.3813



19.2423, 0.0980, 0.1753

Sweetspot

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



19.2435, 0.5056, 0.2559



58.2378, 0.3478, 0.2910



10.0059, 0.2008, 0.0880



11.5217, 0.3545, 0.2855



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.



19.2435, 0.5056, 0.2559



22.7076, 0.5066, 0.2564



18.0056, 0.6400, 0.3300



15.1758, 0.3217, 0.3176



10.5315, 0.5019, 0.2539



0.8464, 0.4702, 0.2364

Inverse Universe

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



19.2435, 0.5056, 0.2559



22.7076, 0.5066, 0.2564



66.6787, 0.2247, 0.3287



15.1758, 0.3217, 0.3176



10.5315, 0.5019, 0.2539



0.8464, 0.4702, 0.2364

Previews

White Background



This preview shows how the Yxy color 19.2423, 0.5056, 0.2559 looks on a white background.

Color Contrast Check

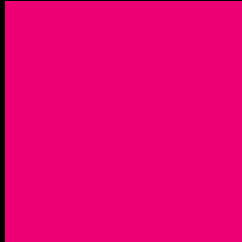
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.2423, 0.5056, 0.2559 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.2423, 0.5056, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 19.2423, 0.5056, 0.2559.



This preview shows how white text looks on a background with the Yxy color 19.2423, 0.5056, 0.2559.

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

19.2423, 0.5056, 0.2559

Protanopia

19.9872, 0.2562, 0.2526

Deuteranopia

19.6395, 0.3590, 0.3523



Tritanopia

19.6359, 0.5954, 0.3304

Trichromacy



Original Color

19.2423, 0.5056, 0.2559



Protanomaly

14.6233, 0.3308, 0.2229



Deuteranomaly

15.3664, 0.4233, 0.2806



Tritanomaly

18.9831, 0.5742, 0.3044

Monochromacy



Original Color

19.2423, 0.5056, 0.2559



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.9479, 0.4054, 0.2563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2423, 0.5056, 0.2559 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(237, 0, 115)` looks like.

```
.text, #text, p{  
  color:rgb(237, 0, 115)  
}
```

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(237, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 115) }
```

Border

The CSS property to change the border of an element to Yxy 19.2423, 0.5056, 0.2559 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(237, 0, 115) }
```

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

```
.border{ border-color:rgb(237, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2423, 0.5056, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 115) }
```

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

```
.background{ background-color: rgb(237, 0,  
115) }
```

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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