

Converting Colors

$Yxy(18.4808, 0.4916, 0.2379)$

Have a look what the booklet for
Yxy(18.4808, 0.4916, 0.2379)
contains.

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Color

Yxy(19.4852, 0.4875, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	ED007D
RGB	237, 0, 125
RGB Percent	93%, 0%, 49%
CMY	0.0705, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.47, 0.07
HSL	328°, 100%, 46%
HSV	328°, 100%, 93%
XYZ	38.6297, 19.4852, 21.1255
YIQ	85.1130, 101.1270, 89.1190

Conversions

Conversions Part 2

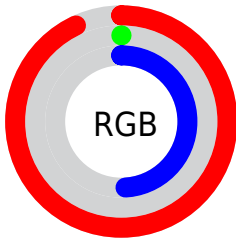
Format	Color
R_{YB}	237, 0, 125
Decimal	15532157
CIE _{Lab}	51.25, 80.49, 0.17
CIE _{LCh}	51, 80.495, 0.118
Yxy	19.4852, 0.4875, 0.2459
Android (android.graphics.Color)	4293722237 (0xFFED007D)
YUV	85.1130, 19.6643, 133.2049
Hunter-Lab	44.1420, 78.9607, 2.5245

Details

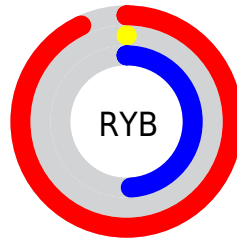
The Yxy color **19.4852, 0.4875, 0.2459** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **61.7459, 0.2757, 0.5126**, and the grayscale version is **9.0519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8001, 0.4065, 0.2499**, and **9.5345, 0.5192, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **19.4872, 0.4875, 0.2459**, and if you desaturate by 10%, it is **20.4309, 0.4652, 0.2394**.

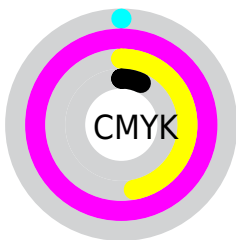
Distribution



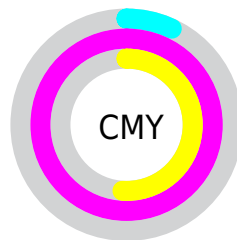
- Red (93%)
- Green (0%)
- Blue (49%)



- Red (93%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (7%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4852, 0.4875, 0.2459 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 19.4852, 0.4875, 0.2459 by changing the saturation by 10% instead.


 19.4852, 0.4875,
0.2459


 19.4852, 0.4875,
0.2459


249.1144, 0.3894,
0.2926


 12.0214, 0.5155,
0.2325


 42.5524, 0.4492,
0.2641


 6.7583, 0.5535,
0.2144


 58.9245, 0.4356,
0.2706


 3.3114, 0.6072,
0.1888

 79.0349, 0.4245,
0.2759

 1.2964, 0.6865,
0.1509

 103.2680, 0.4151,
0.2804

 0.1384, 0.9105,
0.0446

 132.0081, 0.4072,
0.2841

 0.0000, 1.0000,
0.0000

 165.6396, 0.4004,

 0.0000, 0.0000,

0.2873

0.0000

204.5469, 0.3946,
0.2901

■ 19.4852, 0.4875,
0.2459

■ 19.4852, 0.4875,
0.2459

■ 19.4872, 0.4875,
0.2459

■ 20.4309, 0.4652,
0.2394

■ 22.1912, 0.4421,
0.2378

■ 25.0157, 0.4191,
0.2415

■ 29.0508, 0.3973,
0.2496

■ 34.4195, 0.3774,
0.2608

■ 41.2294, 0.3600,
0.2740

■ 49.5772, 0.3449,
0.2880

■ 59.5511, 0.3322,
0.3021

■ 71.2326, 0.3216,
0.3159

Harmonies

Analogous

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



19.4852, 0.3319, 0.1828



19.4852, 0.4875, 0.2459



19.4852, 0.5822, 0.3211

Triad

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



19.4852, 0.4875, 0.2459



19.4852, 0.3617, 0.5969



19.4852, 0.0999, 0.1644

Complementary

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



19.4852, 0.4875, 0.2459



61.7459, 0.2757, 0.5126

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.



19.4852, 0.1020, 0.2447



19.4852, 0.4875, 0.2459



19.4852, 0.2417, 0.5812

Square

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



19.4852, 0.4875, 0.2459



19.4852, 0.4799, 0.5058



19.4852, 0.1461, 0.4079



19.4852, 0.1314, 0.1380

Rectangle

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



19.4852, 0.4875, 0.2459



19.4852, 0.5831, 0.3752



19.4852, 0.1461, 0.4079



19.4852, 0.0969, 0.1835

Sweetspot

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



19.4872, 0.4875, 0.2459



58.4064, 0.3451, 0.2878



9.4692, 0.1945, 0.0845



11.5615, 0.3512, 0.2818



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.



19.4872, 0.4875, 0.2459



22.9947, 0.4883, 0.2464



18.0240, 0.6375, 0.3286



15.1868, 0.3210, 0.3166



10.6648, 0.4840, 0.2440



0.8569, 0.4552, 0.2282

Inverse Universe

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



19.4872, 0.4875, 0.2459



22.9947, 0.4883, 0.2464



66.2391, 0.2275, 0.3391



15.1868, 0.3210, 0.3166



10.6648, 0.4840, 0.2440



0.8569, 0.4552, 0.2282

Previews

White Background



This preview shows how the Yxy color 19.4852, 0.4875, 0.2459 looks on a white background.

Color Contrast Check

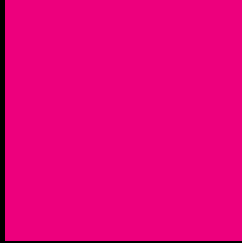
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4852, 0.4875, 0.2459 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 19.4852, 0.4875, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 19.4852, 0.4875, 0.2459.



This preview shows how white text looks on a background with the Yxy color 19.4852, 0.4875, 0.2459.

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

19.4852, 0.4875, 0.2459

Protanopia

20.2176, 0.2411, 0.2318

Deuteranopia

19.9204, 0.3433, 0.3362



Tritanopia

19.8351, 0.5873, 0.3298

Trichromacy



Original Color

19.4852, 0.4875, 0.2459



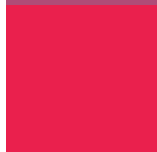
Protanomaly

14.7591, 0.3088, 0.2053



Deuteranomaly

15.6148, 0.4038, 0.2672



Tritanomaly

19.0613, 0.5621, 0.2994

Monochromacy



Original Color

19.4852, 0.4875, 0.2459



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

9.1339, 0.3941, 0.2494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4852, 0.4875, 0.2459 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, 125)` looks like.

```
.text, #text, p{  
  color:rgb(237, 0, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 125) }
```

Border

The CSS property to change the border of an element to Yxy 19.4852, 0.4875, 0.2459 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, 125) }
```

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

```
.border{ border-color:rgb(237, 0, 125) }
```

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, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4852, 0.4875, 0.2459 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, 125) }
```

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

```
.background{ background-color: rgb(237, 0,  
125) }
```

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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