

Converting Colors

$Yxy(19.2047, 0.5108, 0.2588)$

Have a look what the booklet for
Yxy(19.2047, 0.5108, 0.2588)
contains.

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Color

Yxy(19.1744, 0.5111, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	ED0070
RGB	237, 0, 112
RGB Percent	93%, 0%, 44%
CMY	0.0705, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.53, 0.07
HSL	332°, 100%, 46%
HSV	332°, 100%, 93%
XYZ	37.8526, 19.1744, 17.0340
YIQ	83.6310, 105.3000, 85.0760

Conversions

Conversions Part 2

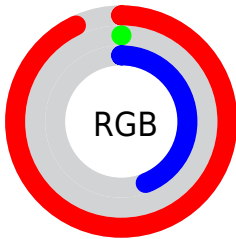
Format	Color
R_{YB}	237, 0, 112
Decimal	15532144
CIE _{Lab}	50.89, 79.54, 7.56
CIE _{LCh}	51, 79.903, 5.431
Yxy	19.1744, 0.5111, 0.2589
Android (android.graphics.Color)	4293722224 (0xFFED0070)
YUV	83.6310, 13.9859, 134.5046
Hunter-Lab	43.7886, 77.6725, 7.5878

Details

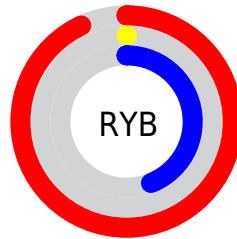
The Yxy color **19.1744, 0.5111, 0.2589** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **62.0564, 0.2705, 0.4939**, and the grayscale version is **8.7409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0888, 0.4253, 0.2627**, and **9.3803, 0.5474, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **19.1764, 0.5111, 0.2589**, and if you desaturate by 10%, it is **20.1155, 0.4859, 0.2511**.

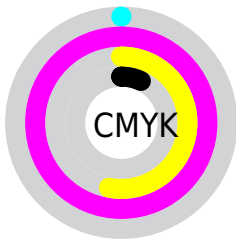
Distribution



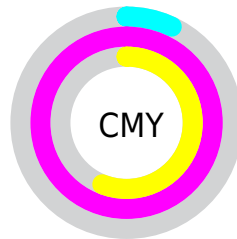
- Red (93%)
- Green (0%)
- Blue (44%)



- Red (93%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (7%)




- Cyan (7%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1744, 0.5111, 0.2589 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 19.1744, 0.5111, 0.2589 by changing the saturation by 10% instead.


 19.1744, 0.5111,
0.2589


 19.1744, 0.5111,
0.2589


247.4099, 0.3988,
0.3006


 11.7964, 0.5433,
0.2461


 42.0286, 0.4671,
0.2758


 6.6052, 0.5868,
0.2281


 58.2735, 0.4516,
0.2816


 3.2164, 0.6478,
0.2018

 78.2429, 0.4388,
0.2863

 1.2457, 0.7366,
0.1616

 102.3211, 0.4281,
0.2902

 0.0986, 0.9646,
0.0354

 130.8925, 0.4191,
0.2934

 0.0000, 1.0000,
0.0000

 164.3415, 0.4114,

 0.0000, 0.0000,

0.2962

0.0000

203.0525, 0.4047,
0.2985

■ 19.1744, 0.5111,
0.2589

■ 19.1744, 0.5111,
0.2589

■ 19.1764, 0.5111,
0.2589

■ 20.1155, 0.4859,
0.2511

■ 21.8781, 0.4594,
0.2483

■ 24.7122, 0.4329,
0.2508

■ 28.7646, 0.4078,
0.2577

■ 34.1587, 0.3852,
0.2677

■ 41.0024, 0.3654,
0.2795

■ 49.3929, 0.3485,
0.2921

■ 59.4185, 0.3343,
0.3049

■ 71.1612, 0.3225,
0.3173

Harmonies

Analogous

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



19.1744, 0.3593, 0.1926



19.1744, 0.5111, 0.2589



19.1744, 0.5867, 0.3351

Triad

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



19.1744, 0.5111, 0.2589



19.1744, 0.3402, 0.6053



19.1744, 0.1033, 0.1569

Complementary

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



19.1744, 0.5111, 0.2589



62.0564, 0.2705, 0.4939

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.



19.1744, 0.0993, 0.2253



19.1744, 0.5111, 0.2589



19.1744, 0.2221, 0.5585

Square

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



19.1744, 0.5111, 0.2589



19.1744, 0.4601, 0.5242



19.1744, 0.1347, 0.3734



19.1744, 0.1411, 0.1374

Rectangle

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



19.1744, 0.5111, 0.2589



19.1744, 0.5756, 0.3907



19.1744, 0.1347, 0.3734



19.1744, 0.0983, 0.1728

Sweetspot

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



19.1764, 0.5111, 0.2589



58.1884, 0.3486, 0.2920



10.2861, 0.2041, 0.0898



11.5100, 0.3555, 0.2866



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.



19.1764, 0.5111, 0.2589



22.6281, 0.5120, 0.2594



18.0923, 0.6392, 0.3307



15.1726, 0.3219, 0.3179



10.4945, 0.5072, 0.2568



0.8434, 0.4747, 0.2389

Inverse Universe

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



19.1764, 0.5111, 0.2589



22.6281, 0.5120, 0.2594



64.4280, 0.2232, 0.3236



15.1726, 0.3219, 0.3179



10.4945, 0.5072, 0.2568



0.8434, 0.4747, 0.2389

Previews

White Background



This preview shows how the Yxy color 19.1744, 0.5111, 0.2589 looks on a white background.

Color Contrast Check

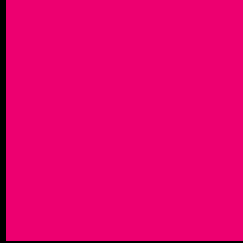
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1744, 0.5111, 0.2589 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 19.1744, 0.5111, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 19.1744, 0.5111, 0.2589.



This preview shows how white text looks on a background with the Yxy color 19.1744, 0.5111, 0.2589.

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

19.1744, 0.5111, 0.2589

Protanopia

19.7281, 0.2613, 0.2572

Deuteranopia

19.6670, 0.3642, 0.3575



Tritanopia

19.5510, 0.5970, 0.3304

Trichromacy



Original Color

19.1744, 0.5111, 0.2589



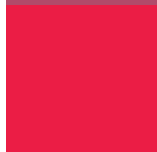
Protanomaly

14.4895, 0.3367, 0.2260



Deuteranomaly

15.4199, 0.4301, 0.2853



Tritanomaly

18.9706, 0.5756, 0.3052

Monochromacy



Original Color

19.1744, 0.5111, 0.2589



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.9298, 0.4077, 0.2580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1744, 0.5111, 0.2589 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 112) }
```

Border

The CSS property to change the border of an element to Yxy 19.1744, 0.5111, 0.2589 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, 112) }
```

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

```
.border{ border-color:rgb(237, 0, 112) }
```

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, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1744, 0.5111, 0.2589 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, 112) }
```

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

```
.background{ background-color: rgb(237, 0,  
112) }
```

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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