

Converting Colors

$Yxy(18.9515, 0.5326, 0.2708)$

Have a look what the booklet for
Yxy(18.9515, 0.5326, 0.2708)
contains.

Yxy(18.9246, 0.5326, 0.2707)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.9246, 0.5326, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	ED0064
RGB	237, 0, 100
RGB Percent	93%, 0%, 39%
CMY	0.0705, 1.0000, 0.6078
CMYK	0.00, 1.00, 0.58, 0.07
HSL	335°, 100%, 46%
HSV	335°, 100%, 93%
XYZ	37.2340, 18.9246, 13.7513
YIQ	82.2630, 109.1520, 81.3440

Conversions

Conversions Part 2

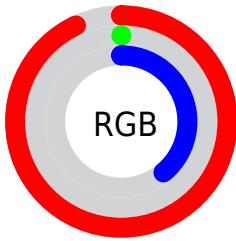
Format	Color
R_{YB}	237, 0, 100
Decimal	15532132
CIE _{Lab}	50.60, 78.79, 14.48
CIE _{LCh}	51, 80.106, 10.415
Yxy	18.9246, 0.5326, 0.2707
Android (android.graphics.Color)	4293722212 (0xFFED0064)
YUV	82.2630, 8.7443, 135.7043
Hunter-Lab	43.5024, 76.6501, 11.7099

Details

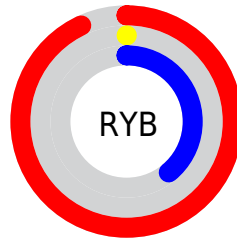
The Yxy color **18.9246, 0.5326, 0.2707** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **62.3934, 0.2656, 0.4760**, and the grayscale version is **8.4612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6464, 0.4430, 0.2757**, and **9.1506, 0.5707, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **18.9305, 0.5326, 0.2707**, and if you desaturate by 10%, it is **19.8596, 0.5051, 0.2620**.

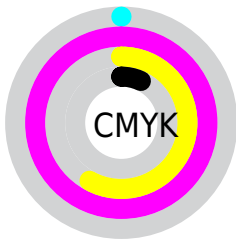
Distribution



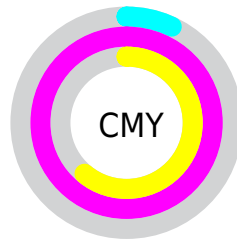
- Red (93%)
- Green (0%)
- Blue (39%)



- Red (93%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (7%)




- Cyan (7%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9246, 0.5326, 0.2707 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 18.9246, 0.5326, 0.2707 by changing the saturation by 10% instead.


 18.9246, 0.5326,
0.2707


 18.9246, 0.5326,
0.2707


246.0322, 0.4077,
0.3080


 11.6158, 0.5682,
0.2582


 41.6067, 0.4837,
0.2865

 6.4826, 0.6159,
0.2401


 57.7487, 0.4664,
0.2918


 3.1407, 0.6814,
0.2127

 77.6040, 0.4522,
0.2959

 1.2056, 0.7891,
0.1729

 101.5568, 0.4403,
0.2993

 0.0663, 0.9750,
0.0250

 129.9917, 0.4303,
0.3021

 0.0000, 1.0000,
0.0000

 163.2929, 0.4217,

 0.0000, 0.0000,

0.3044

0.0000

201.8450, 0.4142,
0.3063

■ 18.9246, 0.5326,
0.2707

■ 18.9246, 0.5326,
0.2707

■ 18.9305, 0.5326,
0.2707

■ 19.8596, 0.5051,
0.2620

■ 21.6190, 0.4756,
0.2582

■ 24.4572, 0.4459,
0.2596

■ 28.5214, 0.4178,
0.2653

■ 33.9355, 0.3924,
0.2741

■ 40.8081, 0.3704,
0.2846

■ 49.2365, 0.3517,
0.2960

■ 59.3096, 0.3362,
0.3074

■ 71.1096, 0.3233,
0.3185

Harmonies

Analogous

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



18.9246, 0.3860, 0.2016



18.9246, 0.5326, 0.2707



18.9246, 0.5897, 0.3481

Triad

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



18.9246, 0.5326, 0.2707



18.9246, 0.3195, 0.6118



18.9246, 0.1062, 0.1501

Complementary

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



18.9246, 0.5326, 0.2707



62.3934, 0.2656, 0.4760

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.



18.9246, 0.0967, 0.2084



18.9246, 0.5326, 0.2707



18.9246, 0.2035, 0.5347

Square

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



18.9246, 0.5326, 0.2707



18.9246, 0.4411, 0.5420



18.9246, 0.1244, 0.3427



18.9246, 0.1505, 0.1366

Rectangle

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



18.9246, 0.5326, 0.2707



18.9246, 0.5676, 0.4055



18.9246, 0.1244, 0.3427



18.9246, 0.0995, 0.1633

Sweetspot

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



18.9305, 0.5326, 0.2707



57.9922, 0.3519, 0.2958



11.2108, 0.2145, 0.0955



11.4639, 0.3595, 0.2910



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.



18.9305, 0.5326, 0.2707



22.3342, 0.5335, 0.2713



18.3748, 0.6363, 0.3329



15.1595, 0.3227, 0.3191



10.3571, 0.5284, 0.2685



0.8321, 0.4929, 0.2489

Inverse Universe

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



18.9305, 0.5326, 0.2707



22.3342, 0.5335, 0.2713



57.9506, 0.2188, 0.3077



15.1595, 0.3227, 0.3191



10.3571, 0.5284, 0.2685



0.8321, 0.4929, 0.2489

Previews

White Background



This preview shows how the Yxy color 18.9246, 0.5326, 0.2707 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 18.9246, 0.5326, 0.2707 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 18.9246, 0.5326, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 18.9246, 0.5326, 0.2707.

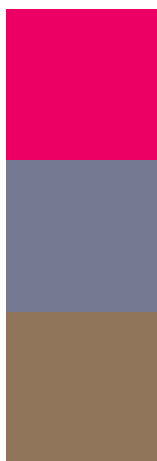


This preview shows how white text looks on a background with the Yxy color 18.9246, 0.5326, 0.2707.

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

18.9246, 0.5326, 0.2707

Protanopia

19.5320, 0.2813, 0.2837

Deuteranopia

19.3901, 0.3829, 0.3767



Tritanopia

19.3197, 0.6058, 0.3309

Trichromacy



Original Color

18.9246, 0.5326, 0.2707



Protanomaly

14.4698, 0.3661, 0.2485



Deuteranomaly

15.1707, 0.4537, 0.3015



Tritanomaly

18.8651, 0.5884, 0.3102

Monochromacy



Original Color

18.9246, 0.5326, 0.2707



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

8.5805, 0.4159, 0.2641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9246, 0.5326, 0.2707 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.9246, 0.5326, 0.2707 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, 100) }
```

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

```
.border{ border-color:rgb(237, 0, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9246, 0.5326, 0.2707 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, 100) }
```

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

```
.background{ background-color: rgb(237, 0,  
100) }
```

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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