

Converting Colors

Yxy(51.8614, 0.3181, 0.2437)

Have a look what the booklet for
Yxy(51.8614, 0.3181, 0.2437)
contains.

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Color

Yxy(51.9177, 0.3176, 0.2434)

Conversions

Conversions Part 1

Format	Color
Hex	F7A1F6
RGB	247, 161, 246
RGB Percent	97%, 63%, 96%
CMY	0.0313, 0.3687, 0.0353
CMYK	0.00, 0.35, 0.00, 0.03
HSL	301°, 84%, 80%
HSV	301°, 35%, 97%
XYZ	67.7447, 51.9177, 93.6396
YIQ	196.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

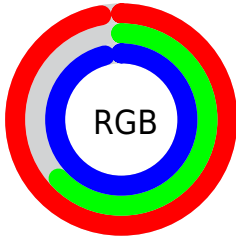
Format	Color
R _Y B	247, 161, 246
Decimal	16228854
CIE Lab	77.23, 44.77, -29.45
CIE LCh	77, 53.588, 326.664
Yxy	51.9177, 0.3176, 0.2434
Android (android.graphics.Color)	4294418934 (0xFFF7A1F6)
YUV	196.4040, 24.4508, 44.3727
Hunter-Lab	72.0539, 41.7303, -26.6141

Details

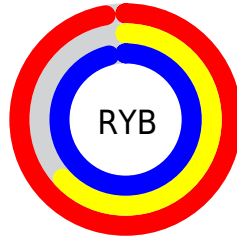
The Yxy color **51.9177, 0.3176, 0.2434** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.7254, 0.3073, 0.4326**, and the grayscale version is **55.2981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **25.0083, 0.3176, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **44.1048, 0.3190, 0.2205**, and if you desaturate by 10%, it is **61.4406, 0.3162, 0.2678**.

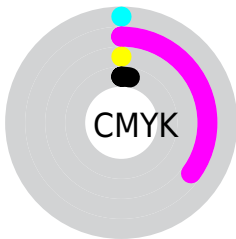
Distribution



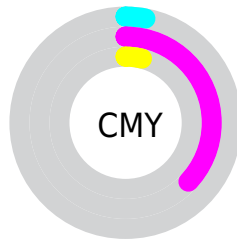
- Red (97%)
- Green (63%)
- Blue (96%)



- Red (97%)
- Yellow (63%)
- Blue (96%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9177, 0.3176, 0.2434 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 51.9177, 0.3176, 0.2434 by changing the saturation by 10% instead.


 51.9177, 0.3176,
0.2434


 51.9177, 0.3176,
0.2434


394.1188, 0.3164,
0.2822

 36.9395, 0.3176,
0.2348


 93.0099, 0.3174,
0.2566

 25.1606, 0.3175,
0.2244


 119.8926, 0.3173,
0.2619

 16.1968, 0.3171,
0.2114


151.5123, 0.3171,
0.2664

 9.6635, 0.3162,
0.1949

188.2533, 0.3170,
0.2703

 5.1764, 0.3143,
0.1733

230.5001, 0.3168,
0.2738

 2.3511, 0.3102,
0.1443

278.6370, 0.3167,

 0.8006, 0.3011,

0.2769

0.1042

333.0484, 0.3166,
0.2797

0.0000, 0.2921,
0.0000

0.0000, 0.0000,
0.0000

51.9177, 0.3176,
0.2434

51.9177, 0.3176,
0.2434

44.1048, 0.3190,
0.2205

61.4406, 0.3162,
0.2678

37.8942, 0.3203,
0.2001

72.7592, 0.3147,
0.2927

33.1765, 0.3215,
0.1830

85.9618, 0.3134,
0.3174

29.8259, 0.3224,
0.1700

98.0264, 0.3123,
0.3366

■ 27.6961, 0.3232,
0.1614

■ 98.0446, 0.3121,
0.3363

■ 26.6073, 0.3237,
0.1570

■ 98.0629, 0.3119,
0.3360

■ 26.3159, 0.3240,
0.1558

■ 98.0813, 0.3118,
0.3357

■ 98.0996, 0.3116,
0.3354

■ 98.1180, 0.3114,
0.3351

Harmonies

Analogous

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



51.9177, 0.2508, 0.2216



51.9177, 0.3176, 0.2434



51.9177, 0.3910, 0.2828

Triad

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



51.9177, 0.3176, 0.2434



51.9177, 0.4237, 0.4355



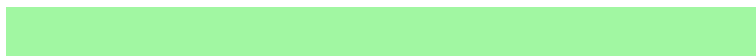
51.9177, 0.1966, 0.3027

Complementary

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



51.9177, 0.3176, 0.2434



76.7254, 0.3073, 0.4326

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.



51.9177, 0.2340, 0.3780



51.9177, 0.3176, 0.2434



51.9177, 0.3645, 0.4615

Square

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



51.9177, 0.3176, 0.2434



51.9177, 0.4548, 0.3870



51.9177, 0.2951, 0.4424



51.9177, 0.1876, 0.2480

Rectangle

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



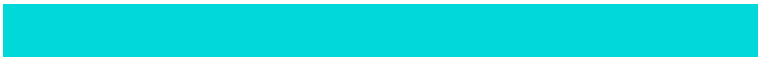
51.9177, 0.3176, 0.2434



51.9177, 0.4302, 0.3156



51.9177, 0.2951, 0.4424



51.9177, 0.2060, 0.3265

Sweetspot

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



51.9200, 0.3176, 0.2434



84.7761, 0.3141, 0.3046



39.7798, 0.2494, 0.2243



17.7236, 0.3143, 0.3012



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.



51.9200, 0.3176, 0.2434



49.5462, 0.3186, 0.2266



49.6262, 0.3542, 0.2834



16.7647, 0.3140, 0.3060



13.9154, 0.3239, 0.1558



1.2241, 0.3235, 0.1556

Inverse Universe

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



51.9200, 0.3176, 0.2434



49.5462, 0.3186, 0.2266



78.4762, 0.2850, 0.3800



16.7647, 0.3140, 0.3060



13.9154, 0.3239, 0.1558



1.2241, 0.3235, 0.1556

Previews

White Background



This preview shows how the Yxy color 51.9177, 0.3176, 0.2434 looks on a white background.

Color Contrast Check

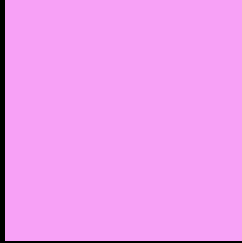
Large Text (above 18pt) WCAG AA × Fail

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 51.9177, 0.3176, 0.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

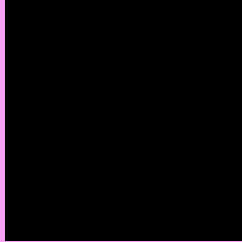
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9177, 0.3176, 0.2434

Background



This preview shows how black text looks on a background with the Yxy color 51.9177, 0.3176, 0.2434.

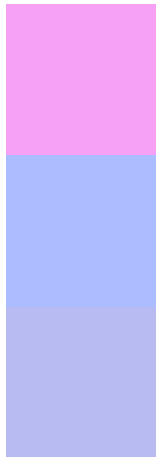


This preview shows how white text looks on a background with the Yxy color 51.9177, 0.3176, 0.2434.

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

51.9177, 0.3176, 0.2434

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.0819, 0.2726, 0.2658



Tritanopia

51.7830, 0.3611, 0.3148

Trichromacy



Original Color

51.9177, 0.3176, 0.2434



Protanomaly

51.4106, 0.2757, 0.2476



Deuteranomaly

51.5773, 0.2876, 0.2565



Tritanomaly

51.8072, 0.3447, 0.2872

Monochromacy



Original Color

51.9177, 0.3176, 0.2434



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.1691, 0.3152, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9177, 0.3176, 0.2434 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(247, 161, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 246)  
}
```

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(247, 161, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 246) }
```

Border

The CSS property to change the border of an element to Yxy 51.9177, 0.3176, 0.2434 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(247, 161, 246) }
```

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

```
.border{ border-color:rgb(247, 161, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9177, 0.3176, 0.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 246) }
```

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

```
.background{ background-color: rgb(247,  
161, 246) }
```

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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