

Converting Colors

Yxy(47.8904, 0.3146, 0.2223)

Have a look what the booklet for
Yxy(47.8904, 0.3146, 0.2223)
contains.

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Color

Yxy(47.9158, 0.3151, 0.2227)

Conversions

Conversions Part 1

Format	Color
Hex	FB91FE
RGB	251, 145, 254
RGB Percent	98%, 57%, 100%
CMY	0.0157, 0.4313, 0.0039
CMYK	0.01, 0.43, 0.00, 0.00
HSL	298°, 98%, 78%
HSV	298°, 43%, 100%
XYZ	67.7964, 47.9158, 99.4463
YIQ	189.1200, 28.1870, 56.3710

Conversions

Conversions Part 2

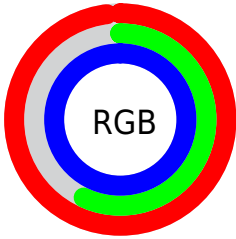
Format	Color
R _Y B	251, 145, 254
Decimal	16486910
CIE Lab	74.77, 55.49, -37.54
CIE LCh	75, 66.995, 325.917
Yxy	47.9158, 0.3151, 0.2227
Android (android.graphics.Color)	4294676990 (0xFFFB91FE)
YUV	189.1200, 31.9858, 54.2688
Hunter-Lab	69.2212, 53.6887, -36.7237

Details

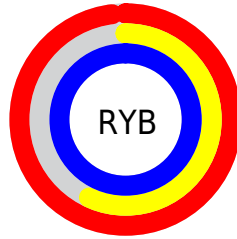
The Yxy color $47.9158, 0.3151, 0.2227$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $79.2309, 0.3081, 0.4625$, and the grayscale version is $50.7646, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $22.7199, 0.3130, 0.2000$ is the 20% darker color. If you saturate the color by 10%, you get $40.8729, 0.3153, 0.2011$, and if you desaturate by 10%, it is $56.6985, 0.3147, 0.2465$.

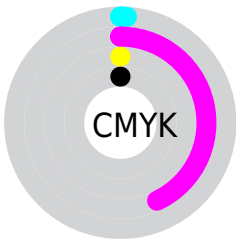
Distribution



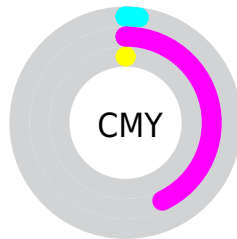
- Red (98%)
- Green (57%)
- Blue (100%)



- Red (98%)
- Yellow (57%)
- Blue (100%)



- Cyan (1%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9158, 0.3151, 0.2227 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 47.9158, 0.3151, 0.2227 by changing the saturation by 10% instead.


 47.9158, 0.3151,
0.2227


 47.9158, 0.3151,
0.2227


378.4583, 0.3158,
0.2703

 33.7602, 0.3145,
0.2123

 87.0790, 0.3157,
0.2388

 22.7094, 0.3136,
0.1998


 112.8555, 0.3158,
0.2452

 14.3791, 0.3121,
0.1845

143.2743, 0.3159,
0.2507

 8.3848, 0.3095,
0.1653

178.7199, 0.3159,
0.2556

 4.3422, 0.3051,
0.1409

219.5767, 0.3159,
0.2599

 1.8667, 0.2969,
0.1095

266.2291, 0.3159,

 0.5283, 0.2821,

0.2638

0.0643

319.0615, 0.3158,
0.2672

0.0000, 0.2506,
0.0000

0.0000, 0.0000,
0.0000

47.9158, 0.3151,
0.2227

47.9158, 0.3151,
0.2227

40.8729, 0.3153,
0.2011

56.6985, 0.3147,
0.2465

35.4465, 0.3154,
0.1827

67.3210, 0.3142,
0.2716

31.5072, 0.3152,
0.1682

79.8829, 0.3136,
0.2970

28.9033, 0.3149,
0.1581

94.4751, 0.3129,
0.3219

■ 27.4502, 0.3143,
0.1524

99.8424, 0.3130,
0.3299

■ 26.9267, 0.3139,
0.1503

99.9362, 0.3133,
0.3299

Harmonies

Analogous

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



47.9158, 0.2326, 0.1971



47.9158, 0.3151, 0.2227



47.9158, 0.4104, 0.2690

Triad

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



47.9158, 0.3151, 0.2227



47.9158, 0.4500, 0.4565



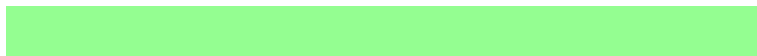
47.9158, 0.1694, 0.2944

Complementary

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



47.9158, 0.3151, 0.2227



79.2309, 0.3081, 0.4625

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.



47.9158, 0.2138, 0.3946



47.9158, 0.3151, 0.2227



47.9158, 0.3752, 0.4985

Square

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



47.9158, 0.3151, 0.2227



47.9158, 0.4918, 0.3931



47.9158, 0.2890, 0.4810



47.9158, 0.1593, 0.2268

Rectangle

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



47.9158, 0.3151, 0.2227



47.9158, 0.4620, 0.3077



47.9158, 0.2890, 0.4810



47.9158, 0.1803, 0.3254

Sweetspot

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



47.9179, 0.3151, 0.2227



80.4694, 0.3136, 0.2968



34.5593, 0.2325, 0.1996



16.5887, 0.3137, 0.2912



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.



47.9179, 0.3151, 0.2227



42.4586, 0.3153, 0.2050



45.6448, 0.3644, 0.2692



18.2732, 0.3134, 0.3056



14.2066, 0.3140, 0.1503



1.3910, 0.3148, 0.1508

Inverse Universe

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



43.4651, 0.4228, 0.3262



37.4876, 0.4563, 0.3258



80.8884, 0.2815, 0.3990



17.9952, 0.3290, 0.3284



11.1204, 0.6373, 0.3284



1.0855, 0.6306, 0.3248

Previews

White Background



This preview shows how the Yxy color 47.9158, 0.3151, 0.2227 looks on a white background.

Color Contrast Check

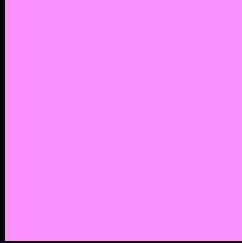
Large Text (above 18pt) WCAG AA × Fail

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 47.9158, 0.3151, 0.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

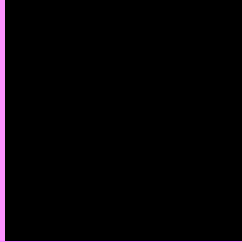
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9158, 0.3151, 0.2227

Background



This preview shows how black text looks on a background with the Yxy color 47.9158, 0.3151, 0.2227.



This preview shows how white text looks on a background with the Yxy color 47.9158, 0.3151, 0.2227.

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

47.9158, 0.3151, 0.2227

Protanopia

48.2530, 0.2486, 0.2424

Deuteranopia

48.3868, 0.2568, 0.2513



Tritanopia

47.9903, 0.3759, 0.3159

Trichromacy



Original Color

47.9158, 0.3151, 0.2227



Protanomaly

47.0653, 0.2692, 0.2326



Deuteranomaly

47.2838, 0.2754, 0.2380

Tritanomaly

47.5490, 0.3532, 0.2779

Monochromacy



Original Color

47.9158, 0.3151, 0.2227



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

48.6883, 0.3140, 0.2826

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9158, 0.3151, 0.2227 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(251, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 145, 254)  
}
```

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(251, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 145, 254) }
```

Border

The CSS property to change the border of an element to Yxy 47.9158, 0.3151, 0.2227 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(251, 145, 254) }
```

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

```
.border{ border-color:rgb(251, 145, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 145, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 145, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 145,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9158, 0.3151, 0.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 145, 254) }
```

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

```
.background{ background-color: rgb(251,  
145, 254) }
```

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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