

Converting Colors

Yxy(48.0474, 0.3381, 0.2514)

Have a look what the booklet for
Yxy(48.0474, 0.3381, 0.2514)
contains.

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Color

Yxy(48.1885, 0.3380, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	FB97E3
RGB	251, 151, 227
RGB Percent	98%, 59%, 89%
CMY	0.0157, 0.4078, 0.1099
CMYK	0.00, 0.40, 0.10, 0.02
HSL	314°, 93%, 79%
HSV	314°, 40%, 98%
XYZ	64.7108, 48.1885, 78.5528
YIQ	189.5640, 35.2040, 44.8360

Conversions

Conversions Part 2

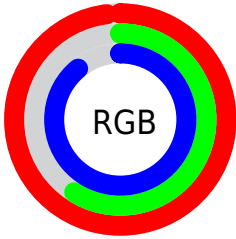
Format	Color
R _Y B	251, 151, 227
Decimal	16488419
CIE Lab	74.94, 47.86, -22.58
CIE LCh	75, 52.920, 334.747
Yxy	48.1885, 0.3380, 0.2517
Android (android.graphics.Color)	4294678499 (0xFFFB97E3)
YUV	189.5640, 18.4559, 53.8794
Hunter-Lab	69.4179, 44.9148, -18.4996

Details

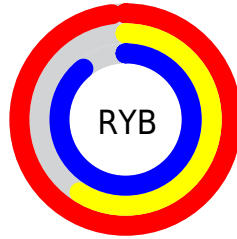
The Yxy color **48.1885, 0.3380, 0.2517** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.6649, 0.2949, 0.4218**, and the grayscale version is **51.1076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **22.8271, 0.3444, 0.2339** is the 20% darker color. If you saturate the color by 10%, you get **40.6259, 0.3465, 0.2336**, and if you desaturate by 10%, it is **57.4867, 0.3303, 0.2711**.

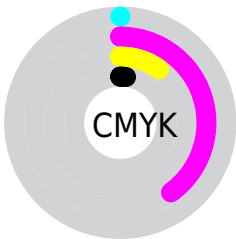
Distribution



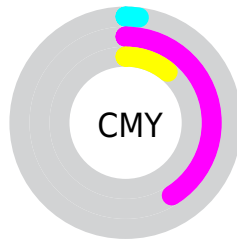
- Red (98%)
- Green (59%)
- Blue (89%)



- Red (98%)
- Yellow (59%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1885, 0.3380, 0.2517 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 48.1885, 0.3380, 0.2517 by changing the saturation by 10% instead.

 48.1885, 0.3380,
0.2517


 48.1885, 0.3380,
0.2517


379.5388, 0.3266,
0.2874

 33.9762, 0.3405,
0.2436


 87.4850, 0.3341,
0.2641

 22.8753, 0.3435,
0.2336


 113.3380, 0.3326,
0.2689

 14.5015, 0.3472,
0.2211

143.8399, 0.3313,
0.2730

 8.4703, 0.3519,
0.2049

179.3753, 0.3301,
0.2767

 4.3973, 0.3579,
0.1833

220.3285, 0.3291,
0.2798

 1.8982, 0.3656,
0.1533

267.0839, 0.3282,

 0.5473, 0.3780,

0.2827

0.1032

320.0259, 0.3274,
0.2852

■ 0.0000, 0.3964,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1885, 0.3380,
0.2517

■ 48.1885, 0.3380,
0.2517

■ 40.6259, 0.3465,
0.2336

■ 57.4867, 0.3303,
0.2711

■ 34.6821, 0.3557,
0.2177

■ 68.6144, 0.3235,
0.2909

■ 30.2363, 0.3654,
0.2052

■ 81.6665, 0.3177,
0.3105

■ 27.1480, 0.3753,
0.1970

■ 96.7297, 0.3126,
0.3293

■ 25.2496, 0.3849,
0.1936

■ 99.2474, 0.3102,
0.3290

■ 24.2706, 0.3942,
0.1946

■ 24.2570, 0.3944,
0.1946

Harmonies

Analogous

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



48.1885, 0.2664, 0.2244



48.1885, 0.3380, 0.2517



48.1885, 0.4097, 0.2951

Triad

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



48.1885, 0.3380, 0.2517



48.1885, 0.4108, 0.4470



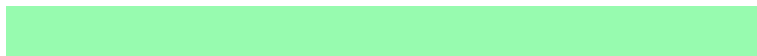
48.1885, 0.1901, 0.2846

Complementary

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



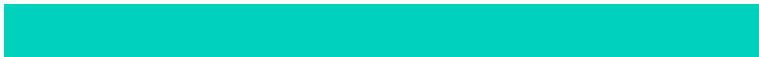
48.1885, 0.3380, 0.2517



78.6649, 0.2949, 0.4218

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.



48.1885, 0.2201, 0.3573



48.1885, 0.3380, 0.2517



48.1885, 0.3463, 0.4633

Square

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



48.1885, 0.3380, 0.2517



48.1885, 0.4516, 0.4017



48.1885, 0.2765, 0.4299



48.1885, 0.1887, 0.2371

Rectangle

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



48.1885, 0.3380, 0.2517



48.1885, 0.4432, 0.3296



48.1885, 0.2765, 0.4299



48.1885, 0.1969, 0.3067

Sweetspot

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



48.1907, 0.3380, 0.2517



81.5424, 0.3189, 0.3063



38.1405, 0.2551, 0.2115



17.0624, 0.3196, 0.3037



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.



48.1907, 0.3380, 0.2517



43.3954, 0.3449, 0.2367



45.8468, 0.3862, 0.3008



17.4491, 0.3175, 0.3112



12.7756, 0.3929, 0.1938



1.1997, 0.3824, 0.1880

Inverse Universe

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



48.1907, 0.3380, 0.2517



43.3954, 0.3449, 0.2367



80.9687, 0.2701, 0.3600



17.4491, 0.3175, 0.3112



12.7756, 0.3929, 0.1938



1.1997, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 48.1885, 0.3380, 0.2517 looks on a white background.

Color Contrast Check

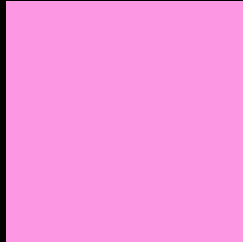
Large Text (above 18pt) WCAG AA × Fail

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 48.1885, 0.3380, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

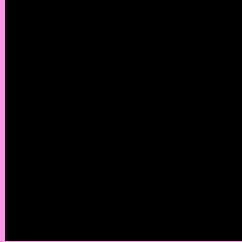
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1885, 0.3380, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 48.1885, 0.3380, 0.2517.



This preview shows how white text looks on a background with the Yxy color 48.1885, 0.3380, 0.2517.

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

48.1885, 0.3380, 0.2517

Protanopia

48.8761, 0.2546, 0.2493

Deuteranopia

48.6360, 0.2854, 0.2792



Tritanopia

48.3091, 0.3809, 0.3161

Trichromacy



Original Color

48.1885, 0.3380, 0.2517



Protanomaly

47.4069, 0.2802, 0.2477



Deuteranomaly

47.6866, 0.3029, 0.2669



Tritanomaly

48.0781, 0.3652, 0.2917

Monochromacy



Original Color

48.1885, 0.3380, 0.2517



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.3595, 0.3220, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1885, 0.3380, 0.2517 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, 151, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 151, 227)  
}
```

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, 151, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 151, 227) }
```

Border

The CSS property to change the border of an element to Yxy 48.1885, 0.3380, 0.2517 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, 151, 227) }
```

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

```
.border{ border-color:rgb(251, 151, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 151, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 151, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 151, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 151,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1885, 0.3380, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 151, 227) }
```

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

```
.background{ background-color: rgb(251,  
151, 227) }
```

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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