

Converting Colors

$Y_{xy}(47.3456, 0.3476, 0.2543)$

Have a look what the booklet for
Yxy(47.3456, 0.3476, 0.2543)
contains.

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Color

Yxy(47.3479, 0.3476, 0.2543)

Conversions

Conversions Part 1

Format	Color
Hex	FF93DD
RGB	255, 147, 221
RGB Percent	100%, 58%, 87%
CMY	0.0000, 0.4235, 0.1334
CMYK	0.00, 0.42, 0.13, 0.00
HSL	319°, 100%, 79%
HSV	319°, 42%, 100%
XYZ	64.7193, 47.3479, 74.1219
YIQ	187.7280, 40.6140, 45.9100

Conversions

Conversions Part 2

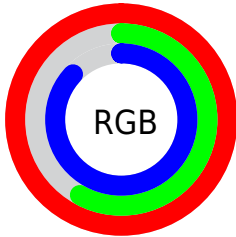
Format	Color
RYB	255, 147, 221
Decimal	16749533
CIELab	74.41, 50.18, -20.06
CIELCh	74, 54.035, 338.213
Yxy	47.3479, 0.3476, 0.2543
Android (android.graphics.Color)	4294939613 (0xFFFF93DD)
YUV	187.7280, 16.4031, 58.9975
Hunter-Lab	68.8098, 47.4717, -15.7003

Details

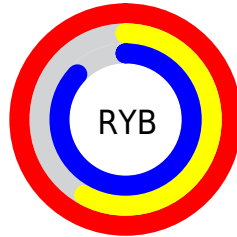
The Yxy color $47.3479, 0.3476, 0.2543$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81.0540, 0.2899, 0.4187$, and the grayscale version is $50.0171, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.1919, 0.3151, 0.2782$, and $22.3176, 0.3552, 0.2362$ is the 20% darker color. If you saturate the color by 10%, you get $39.8605, 0.3592, 0.2381$, and if you desaturate by 10%, it is $56.6175, 0.3373, 0.2719$.

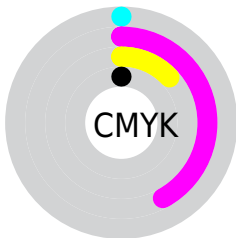
Distribution



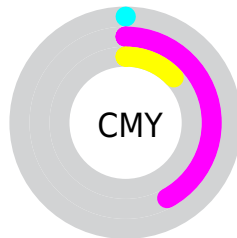
- Red (100%)
- Green (58%)
- Blue (87%)



- Red (100%)
- Yellow (58%)
- Blue (87%)



- Cyan (0%)
- Magenta (42%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3479, 0.3476, 0.2543 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 47.3479, 0.3476, 0.2543 by changing the saturation by 10% instead.


 47.3479, 0.3476,
0.2543

 47.3479, 0.3476,
0.2543


376.2015, 0.3314,
0.2890

 33.3108, 0.3513,
0.2464

 86.2327, 0.3420,
0.2664

 22.3646, 0.3559,
0.2366


 111.8491, 0.3398,
0.2710

 14.1251, 0.3616,
0.2243


142.0942, 0.3379,
0.2751

 8.2077, 0.3691,
0.2082

177.3521, 0.3363,
0.2786

 4.2281, 0.3792,
0.1867

218.0075, 0.3348,
0.2817

 1.8020, 0.3933,
0.1565

264.4445, 0.3335,

 0.4884, 0.4187,

0.2844

0.1020

317.0477, 0.3324,
0.2868

0.0000, 0.4664,
0.0000

0.0000, 0.0000,
0.0000

47.3479, 0.3476,
0.2543

47.3479, 0.3476,
0.2543

39.8605, 0.3592,
0.2381

56.6175, 0.3373,
0.2719

34.0310, 0.3718,
0.2242

67.7698, 0.3283,
0.2900

29.7297, 0.3853,
0.2140

80.9052, 0.3206,
0.3079

26.8042, 0.3990,
0.2083

96.1155, 0.3141,
0.3251

■ 25.0705, 0.4126,
0.2077

99.9977, 0.3127,
0.3290

■ 24.3403, 0.4227,
0.2102

Harmonies

Analogous

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



47.3479, 0.2728, 0.2242



47.3479, 0.3476, 0.2543



47.3479, 0.4194, 0.3000

Triad

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



47.3479, 0.3476, 0.2543



47.3479, 0.4062, 0.4538



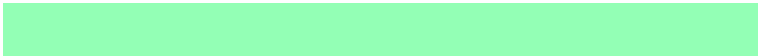
47.3479, 0.1856, 0.2760

Complementary

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



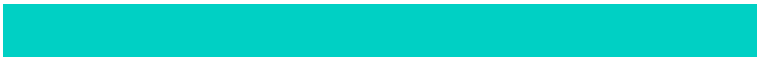
47.3479, 0.3476, 0.2543



81.0540, 0.2899, 0.4187

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.



47.3479, 0.2127, 0.3485



47.3479, 0.3476, 0.2543



47.3479, 0.3385, 0.4660

Square

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



47.3479, 0.3476, 0.2543



47.3479, 0.4520, 0.4091



47.3479, 0.2676, 0.4257



47.3479, 0.1875, 0.2312

Rectangle

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



47.3479, 0.3476, 0.2543



47.3479, 0.4508, 0.3356



47.3479, 0.2676, 0.4257



47.3479, 0.1914, 0.2977

Sweetspot

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



47.3501, 0.3476, 0.2543



79.9886, 0.3211, 0.3067



37.7246, 0.2560, 0.2047



16.4691, 0.3227, 0.3028



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.



47.3501, 0.3476, 0.2543



40.7717, 0.3575, 0.2401



44.9806, 0.4008, 0.3066



18.1973, 0.3187, 0.3129



12.7479, 0.4206, 0.2090



1.2610, 0.4063, 0.2012

Inverse Universe

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



47.3501, 0.3476, 0.2543



40.7717, 0.3575, 0.2401



83.6226, 0.2646, 0.3537



18.1973, 0.3187, 0.3129



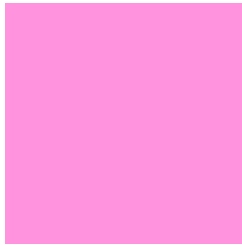
12.7479, 0.4206, 0.2090



1.2610, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 47.3479, 0.3476, 0.2543 looks on a white background.

Color Contrast Check

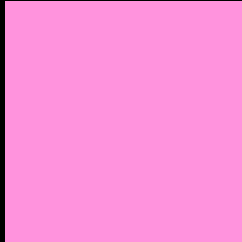
Large Text (above 18pt) WCAG AA × Fail

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 47.3479, 0.3476, 0.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

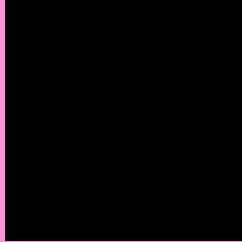
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3479, 0.3476, 0.2543

Background



This preview shows how black text looks on a background with the Yxy color 47.3479, 0.3476, 0.2543.

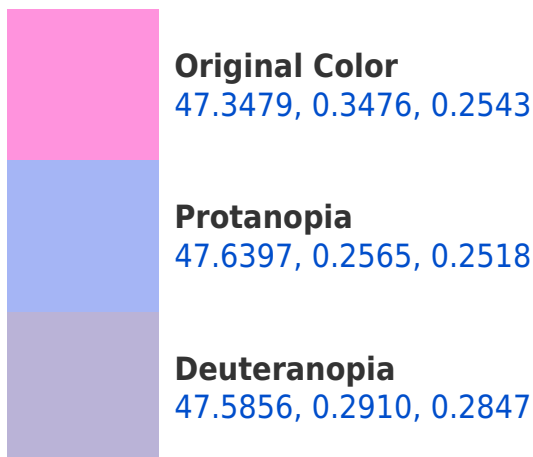


This preview shows how white text looks on a background with the Yxy color 47.3479, 0.3476, 0.2543.

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





Tritanopia

47.1183, 0.3913, 0.3163

Trichromacy



Original Color

47.3479, 0.3476, 0.2543



Protanomaly

46.4378, 0.2850, 0.2516



Deuteranomaly

46.4961, 0.3102, 0.2711



Tritanomaly

46.9225, 0.3751, 0.2921

Monochromacy



Original Color

47.3479, 0.3476, 0.2543



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.0543, 0.3247, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3479, 0.3476, 0.2543 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(255, 147, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 221)  
}
```

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(255, 147, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 221) }
```

Border

The CSS property to change the border of an element to Yxy 47.3479, 0.3476, 0.2543 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(255, 147, 221) }
```

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

```
.border{ border-color:rgb(255, 147, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3479, 0.3476, 0.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 221) }
```

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

```
.background{ background-color: rgb(255,  
147, 221) }
```

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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