

Converting Colors

$Y_{xy}(47.1128, 0.3576, 0.2653)$

Have a look what the booklet for
Yxy(47.1128, 0.3576, 0.2653)
contains.

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Color

Yxy(47.0930, 0.3580, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	FF94D2
RGB	255, 148, 210
RGB Percent	100%, 58%, 82%
CMY	0.0001, 0.4195, 0.1766
CMYK	0.00, 0.42, 0.18, 0.00
HSL	325°, 100%, 79%
HSV	325°, 42%, 100%
XYZ	63.4524, 47.0930, 66.6959
YIQ	187.0610, 43.8700, 41.9660

Conversions

Conversions Part 2

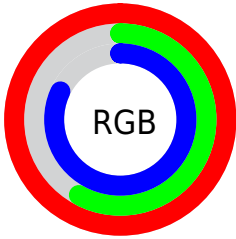
Format	Color
R _{YB}	255, 148, 210
Decimal	16749778
CIE Lab	74.25, 47.99, -14.25
CIE LCh	74, 50.058, 343.458
Yxy	47.0930, 0.3580, 0.2657
Android (android.graphics.Color)	4294939858 (0xFFFF94D2)
YUV	187.0610, 11.3089, 59.5825
Hunter-Lab	68.6243, 44.9545, -9.5868

Details

The Yxy color $47.0930, 0.3580, 0.2657$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.6545, 0.2845, 0.4033$, and the grayscale version is $49.6489, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $22.1077, 0.3700, 0.2502$ is the 20% darker color. If you saturate the color by 10%, you get $39.4394, 0.3738, 0.2516$, and if you desaturate by 10%, it is $56.5485, 0.3442, 0.2809$.

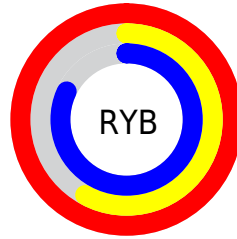
Distribution



Red (100%)

Green (58%)

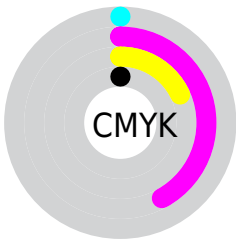
Blue (82%)



Red (100%)

Yellow (58%)

Blue (82%)

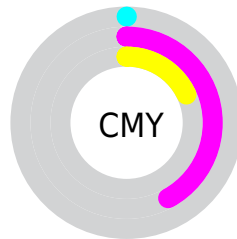


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0930, 0.3580, 0.2657 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 47.0930, 0.3580, 0.2657 by changing the saturation by 10% instead.


 47.0930, 0.3580,
0.2657


 47.0930, 0.3580,
0.2657


375.1856, 0.3363,
0.2956

 33.1092, 0.3632,
0.2588

 85.8524, 0.3503,
0.2762

 22.2101, 0.3696,
0.2501


 111.3968, 0.3474,
0.2802

 14.0114, 0.3780,
0.2391


141.5635, 0.3448,
0.2837

 8.1286, 0.3892,
0.2246

176.7370, 0.3427,
0.2867

 4.1773, 0.4049,
0.2047

217.3015, 0.3408,
0.2893

 1.7732, 0.4283,
0.1760

263.6415, 0.3391,

 0.4704, 0.4741,

0.2916

0.1185

316.1414, 0.3376,
0.2937

0.0000, 0.6513,
0.0000

0.0000, 0.0000,
0.0000

47.0930, 0.3580,
0.2657

47.0930, 0.3580,
0.2657

39.4394, 0.3738,
0.2516

56.5485, 0.3442,
0.2809

33.4634, 0.3916,
0.2398

67.9063, 0.3324,
0.2965

29.0354, 0.4108,
0.2314

81.2669, 0.3225,
0.3117

26.0039, 0.4307,
0.2277

96.7222, 0.3142,
0.3263

■ 24.1858, 0.4506,
0.2293

99.9953, 0.3127,
0.3290

■ 23.3830, 0.4661,
0.2341

Harmonies

Analogous

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



47.0930, 0.2871, 0.2342



47.0930, 0.3580, 0.2657



47.0930, 0.4210, 0.3109

Triad

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



47.0930, 0.3580, 0.2657



47.0930, 0.3907, 0.4503



47.0930, 0.1918, 0.2709

Complementary

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



47.0930, 0.3580, 0.2657



81.6545, 0.2845, 0.4033

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.



47.0930, 0.2129, 0.3346



47.0930, 0.3580, 0.2657



47.0930, 0.3257, 0.4525

Square

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



47.0930, 0.3580, 0.2657



47.0930, 0.4377, 0.4134



47.0930, 0.2607, 0.4071



47.0930, 0.1982, 0.2332

Rectangle

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



47.0930, 0.3580, 0.2657



47.0930, 0.4455, 0.3452



47.0930, 0.2607, 0.4071



47.0930, 0.1958, 0.2896

Sweetspot

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



47.0952, 0.3580, 0.2657



79.7767, 0.3234, 0.3101



39.6904, 0.2662, 0.2091



16.4166, 0.3255, 0.3068



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.



47.0952, 0.3580, 0.2657



40.8014, 0.3706, 0.2542



44.8760, 0.4128, 0.3199



18.1635, 0.3203, 0.3153



12.2513, 0.4630, 0.2324



1.2147, 0.4423, 0.2210

Inverse Universe

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



47.0952, 0.3580, 0.2657



40.8014, 0.3706, 0.2542



84.4603, 0.2593, 0.3389



18.1635, 0.3203, 0.3153



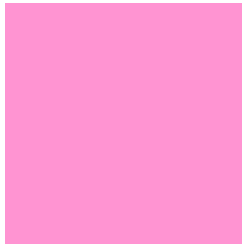
12.2513, 0.4630, 0.2324



1.2147, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 47.0930, 0.3580, 0.2657 looks on a white background.

Color Contrast Check

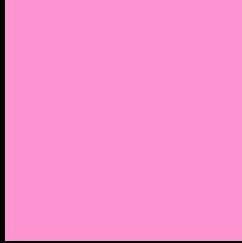
Large Text (above 18pt) WCAG AA × Fail

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 47.0930, 0.3580, 0.2657 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 47.0930, 0.3580, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 47.0930, 0.3580, 0.2657.

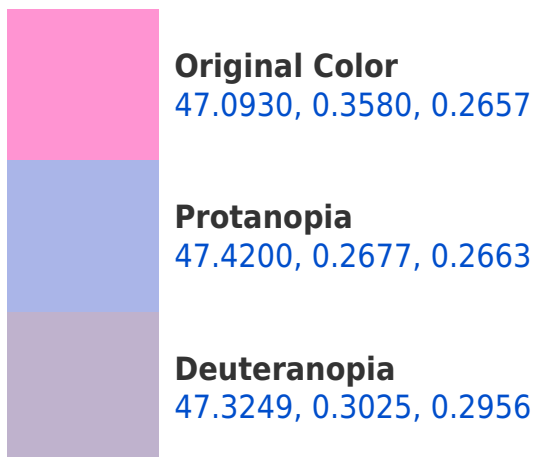


This preview shows how white text looks on a background with the Yxy color 47.0930, 0.3580, 0.2657.

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

46.9281, 0.3936, 0.3164

Trichromacy



Original Color

47.0930, 0.3580, 0.2657



Protanomaly

46.1753, 0.2963, 0.2644



Deuteranomaly

46.4386, 0.3211, 0.2824



Tritanomaly

46.8968, 0.3811, 0.2974

Monochromacy



Original Color

47.0930, 0.3580, 0.2657



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.8243, 0.3290, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0930, 0.3580, 0.2657 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, 148, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 210)  
}
```

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, 148, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 210) }
```

Border

The CSS property to change the border of an element to Yxy 47.0930, 0.3580, 0.2657 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, 148, 210) }
```

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

```
.border{ border-color:rgb(255, 148, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0930, 0.3580, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 210) }
```

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

```
.background{ background-color: rgb(255,  
148, 210) }
```

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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