

Converting Colors

$Y_{xy}(47.2698, 0.3540, 0.2616)$

Have a look what the booklet for
Yxy(47.2698, 0.3540, 0.2616)
contains.

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Color

Yxy(47.2948, 0.3541, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	FF94D6
RGB	255, 148, 214
RGB Percent	100%, 58%, 84%
CMY	0.0000, 0.4196, 0.1607
CMYK	0.00, 0.42, 0.16, 0.00
HSL	323°, 100%, 79%
HSV	323°, 42%, 100%
XYZ	63.9690, 47.2948, 69.3886
YIQ	187.5170, 42.5860, 43.2100

Conversions

Conversions Part 2

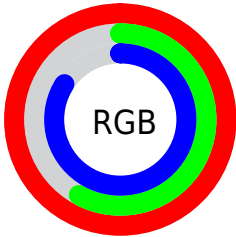
Format	Color
R _Y B	255, 148, 214
Decimal	16749782
CIE Lab	74.38, 48.61, -16.29
CIE LCh	74, 51.270, 341.479
Yxy	47.2948, 0.3541, 0.2618
Android (android.graphics.Color)	4294939862 (0xFFFF94D6)
YUV	187.5170, 13.0561, 59.1826
Hunter-Lab	68.7712, 45.6860, -11.6824

Details

The Yxy color $47.2948, 0.3541, 0.2618$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81.4892, 0.2865, 0.4085$, and the grayscale version is $49.9098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $22.2444, 0.3644, 0.2455$ is the 20% darker color. If you saturate the color by 10%, you get $39.6749, 0.3684, 0.2469$, and if you desaturate by 10%, it is $56.7109, 0.3416, 0.2779$.

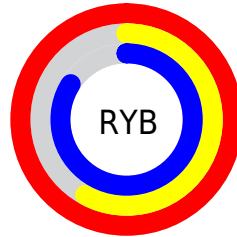
Distribution



Red (100%)

Green (58%)

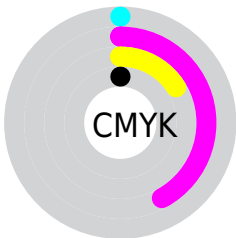
Blue (84%)



Red (100%)

Yellow (58%)

Blue (84%)

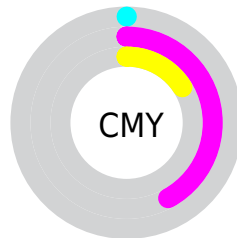


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2948, 0.3541, 0.2618 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 47.2948, 0.3541, 0.2618 by changing the saturation by 10% instead.

 47.2948, 0.3541,
0.2618

 47.2948, 0.3541,
0.2618


375.9900, 0.3344,
0.2933

 33.2688, 0.3587,
0.2545


 86.1535, 0.3472,
0.2728

 22.3324, 0.3645,
0.2455


 111.7550, 0.3445,
0.2771

 14.1014, 0.3718,
0.2340


141.9837, 0.3422,
0.2807

 8.1912, 0.3816,
0.2190

177.2241, 0.3403,
0.2839

 4.2175, 0.3952,
0.1986

217.8605, 0.3385,
0.2867

 1.7960, 0.4151,
0.1694

264.2774, 0.3370,

 0.4847, 0.4527,

0.2892

0.1136

316.8591, 0.3356,
0.2914

0.0000, 0.5636,
0.0000

0.0000, 0.0000,
0.0000

47.2948, 0.3541,
0.2618

47.2948, 0.3541,
0.2618

39.6749, 0.3684,
0.2469

56.7109, 0.3416,
0.2779

33.7270, 0.3842,
0.2343

68.0234, 0.3308,
0.2944

29.3218, 0.4012,
0.2252

81.3328, 0.3217,
0.3106

26.3075, 0.4189,
0.2206

96.7307, 0.3141,
0.3261

■ 24.5016, 0.4365,
0.2214

99.9998, 0.3127,
0.3290

■ 23.7056, 0.4502,
0.2254

Harmonies

Analogous

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



47.2948, 0.2821, 0.2309



47.2948, 0.3541, 0.2618



47.2948, 0.4200, 0.3071

Triad

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



47.2948, 0.3541, 0.2618



47.2948, 0.3960, 0.4512



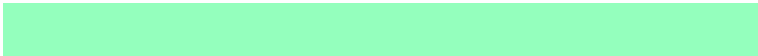
47.2948, 0.1900, 0.2730

Complementary

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



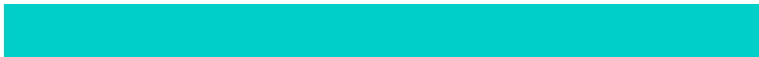
47.2948, 0.3541, 0.2618



81.4892, 0.2865, 0.4085

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.



47.2948, 0.2133, 0.3395



47.2948, 0.3541, 0.2618



47.2948, 0.3303, 0.4569

Square

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



47.2948, 0.3541, 0.2618



47.2948, 0.4424, 0.4116



47.2948, 0.2634, 0.4134



47.2948, 0.1947, 0.2328

Rectangle

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



47.2948, 0.3541, 0.2618



47.2948, 0.4469, 0.3417



47.2948, 0.2634, 0.4134



47.2948, 0.1946, 0.2927

Sweetspot

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



47.2970, 0.3541, 0.2618



79.8520, 0.3226, 0.3089



38.9956, 0.2620, 0.2077



16.4352, 0.3245, 0.3054



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.



47.2970, 0.3541, 0.2618



41.0326, 0.3654, 0.2497



45.0592, 0.4072, 0.3143



18.1755, 0.3197, 0.3144



12.4169, 0.4475, 0.2239



1.2303, 0.4291, 0.2137

Inverse Universe

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



47.2970, 0.3541, 0.2618



41.0326, 0.3654, 0.2497



84.1507, 0.2617, 0.3451



18.1755, 0.3197, 0.3144



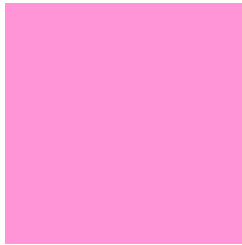
12.4169, 0.4475, 0.2239



1.2303, 0.4291, 0.2137

Previews

White Background



This preview shows how the Yxy color 47.2948, 0.3541, 0.2618 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 47.2948, 0.3541, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

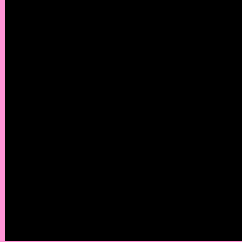
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2948, 0.3541, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 47.2948, 0.3541, 0.2618.



This preview shows how white text looks on a background with the Yxy color 47.2948, 0.3541, 0.2618.

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

47.2948, 0.3541, 0.2618

Protanopia

47.5972, 0.2639, 0.2608

Deuteranopia

47.6625, 0.2978, 0.2920



Tritanopia

47.3025, 0.3922, 0.3164

Trichromacy



Original Color

47.2948, 0.3541, 0.2618



Protanomaly

46.3124, 0.2917, 0.2590



Deuteranomaly

46.8545, 0.3168, 0.2790



Tritanomaly

47.3094, 0.3788, 0.2964

Monochromacy



Original Color

47.2948, 0.3541, 0.2618



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

47.9154, 0.3273, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2948, 0.3541, 0.2618 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 214) }
```

Border

The CSS property to change the border of an element to Yxy 47.2948, 0.3541, 0.2618 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, 214) }
```

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

```
.border{ border-color:rgb(255, 148, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2948, 0.3541, 0.2618 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
148, 214) }
```

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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