

Converting Colors

$Y_{xy}(48.1132, 0.3304, 0.2364)$

Have a look what the booklet for
Yxy(48.1132, 0.3304, 0.2364)
contains.

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Color

Yxy(48.1090, 0.3304, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	FF92F0
RGB	255, 146, 240
RGB Percent	100%, 57%, 94%
CMY	0.0001, 0.4274, 0.0589
CMYK	0.00, 0.43, 0.06, 0.00
HSL	308°, 100%, 79%
HSV	308°, 43%, 100%
XYZ	67.2386, 48.1090, 88.1591
YIQ	189.3070, 34.7900, 52.3420

Conversions

Conversions Part 2

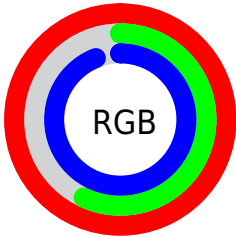
Format	Color
RYB	255, 146, 240
Decimal	16749296
CIELab	74.89, 53.73, -29.70
CIELCh	75, 61.393, 331.073
Yxy	48.1090, 0.3304, 0.2364
Android (android.graphics.Color)	4294939376 (0xFFFF92F0)
YUV	189.3070, 24.9916, 57.6128
Hunter-Lab	69.3607, 51.6578, -26.8066

Details

The Yxy color **48.1090, 0.3304, 0.2364** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.1961, 0.2993, 0.4440**, and the grayscale version is **50.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **22.8507, 0.3325, 0.2156** is the 20% darker color. If you saturate the color by 10%, you get **40.8991, 0.3356, 0.2171**, and if you desaturate by 10%, it is **57.0802, 0.3255, 0.2576**.

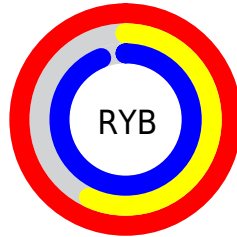
Distribution



Red (100%)

Green (57%)

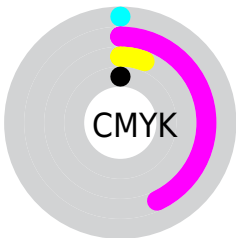
Blue (94%)



Red (100%)

Yellow (57%)

Blue (94%)

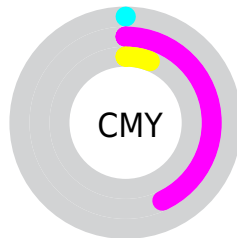


Cyan (0%)

Magenta (43%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1090, 0.3304, 0.2364 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 48.1090, 0.3304, 0.2364 by changing the saturation by 10% instead.


 48.1090, 0.3304,
0.2364


 48.1090, 0.3304,
0.2364


379.2240, 0.3232,
0.2785

 33.9132, 0.3318,
0.2271

 87.3667, 0.3281,
0.2508

 22.8269, 0.3333,
0.2157


 113.1973, 0.3272,
0.2564

 14.4658, 0.3350,
0.2016


143.6751, 0.3263,
0.2613

 8.4453, 0.3368,
0.1837

179.1844, 0.3256,
0.2656

 4.3812, 0.3386,
0.1603

220.1095, 0.3249,
0.2694

 1.8890, 0.3394,
0.1292

266.8349, 0.3243,

 0.5418, 0.3392,

0.2728

0.0813

319.7449, 0.3237,
0.2758

0.0000, 0.3331,
0.0000

0.0000, 0.0000,
0.0000

48.1090, 0.3304,
0.2364

48.1090, 0.3304,
0.2364

40.8991, 0.3356,
0.2171

57.0802, 0.3255,
0.2576

35.3261, 0.3410,
0.2006

67.9132, 0.3211,
0.2796

31.2598, 0.3463,
0.1880

80.7088, 0.3171,
0.3017

28.5471, 0.3516,
0.1797

95.5584, 0.3136,
0.3233

■ 27.0028, 0.3565,
0.1760

99.9966, 0.3127,
0.3290

■ 26.4165, 0.3599,
0.1756

Harmonies

Analogous

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



48.1090, 0.2504, 0.2086



48.1090, 0.3304, 0.2364



48.1090, 0.4160, 0.2828

Triad

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



48.1090, 0.3304, 0.2364



48.1090, 0.4307, 0.4572



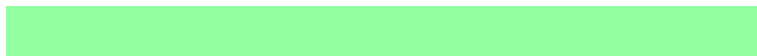
48.1090, 0.1758, 0.2850

Complementary

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



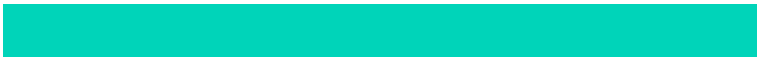
48.1090, 0.3304, 0.2364



80.1961, 0.2993, 0.4440

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.



48.1090, 0.2125, 0.3727



48.1090, 0.3304, 0.2364



48.1090, 0.3587, 0.4860

Square

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



48.1090, 0.3304, 0.2364



48.1090, 0.4748, 0.4012



48.1090, 0.2788, 0.4566



48.1090, 0.1710, 0.2279

Rectangle

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



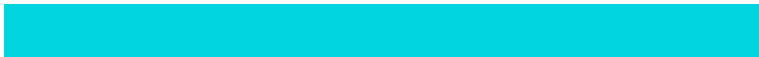
48.1090, 0.3304, 0.2364



48.1090, 0.4585, 0.3203



48.1090, 0.2788, 0.4566



48.1090, 0.1844, 0.3117

Sweetspot

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



48.1112, 0.3304, 0.2364



80.3523, 0.3172, 0.3011



35.3142, 0.2420, 0.1991



16.5595, 0.3180, 0.2963



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.



48.1112, 0.3304, 0.2364



42.0341, 0.3347, 0.2203



45.3656, 0.3827, 0.2876



18.2548, 0.3159, 0.3088



13.8220, 0.3592, 0.1752



1.3572, 0.3541, 0.1725

Inverse Universe

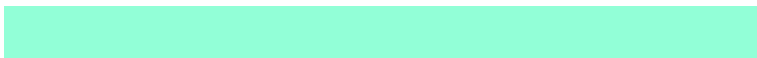
The Inverse Universe completely reimagines the original color for something new.



48.1112, 0.3304, 0.2364



42.0341, 0.3347, 0.2203



82.5297, 0.2728, 0.3760



18.2548, 0.3159, 0.3088



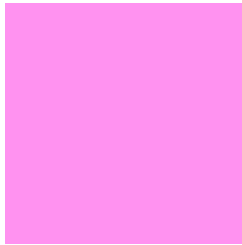
13.8220, 0.3592, 0.1752



1.3572, 0.3541, 0.1725

Previews

White Background



This preview shows how the Yxy color 48.1090, 0.3304, 0.2364 looks on a white background.

Color Contrast Check

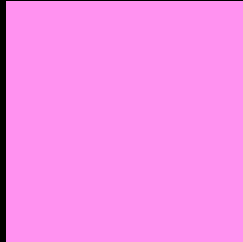
Large Text (above 18pt) WCAG AA × Fail

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 48.1090, 0.3304, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

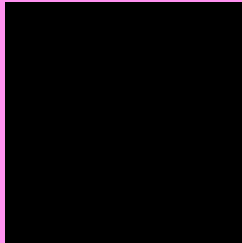
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1090, 0.3304, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 48.1090, 0.3304, 0.2364.

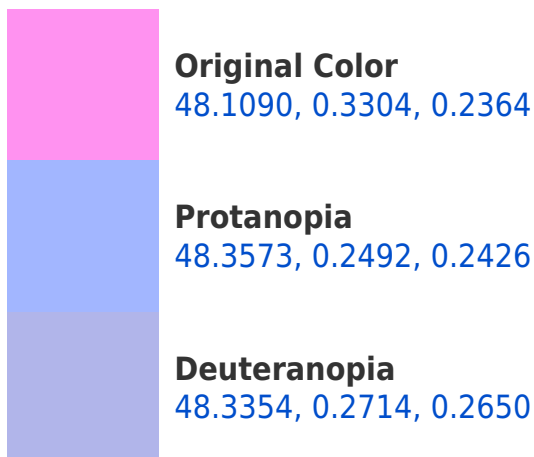


This preview shows how white text looks on a background with the Yxy color 48.1090, 0.3304, 0.2364.

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

47.8943, 0.3854, 0.3162

Trichromacy



Original Color

48.1090, 0.3304, 0.2364



Protanomaly

47.0138, 0.2739, 0.2376



Deuteranomaly

47.0405, 0.2906, 0.2516



Tritanomaly

47.7979, 0.3648, 0.2848

Monochromacy



Original Color

48.1090, 0.3304, 0.2364



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

48.5873, 0.3190, 0.2882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1090, 0.3304, 0.2364 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, 146, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 240)  
}
```

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, 146, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 240) }
```

Border

The CSS property to change the border of an element to Yxy 48.1090, 0.3304, 0.2364 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, 146, 240) }
```

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

```
.border{ border-color:rgb(255, 146, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1090, 0.3304, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 240) }
```

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

```
.background{ background-color: rgb(255,  
146, 240) }
```

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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