

Converting Colors

$Yxy(68.3677, 0.4297, 0.2836)$

Have a look what the booklet for
Yxy(68.3677, 0.4297, 0.2836)
contains.

Yxy(48.0964, 0.3565, 0.2677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.0964, 0.3565, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	FF97D3
RGB	255, 151, 211
RGB Percent	100%, 59%, 83%
CMY	0.0002, 0.4077, 0.1726
CMYK	0.00, 0.41, 0.17, 0.00
HSL	325°, 100%, 80%
HSV	325°, 41%, 100%
XYZ	64.0507, 48.0964, 67.5182
YIQ	188.9360, 42.7240, 40.7080

Conversions

Conversions Part 2

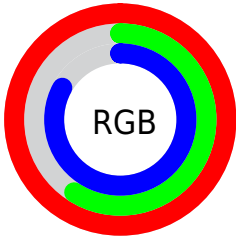
Format	Color
R_{YB}	255, 151, 211
Decimal	16750547
CIE _{Lab}	74.89, 46.61, -13.85
CIE _{LCh}	75, 48.626, 343.452
Yxy	48.0964, 0.3565, 0.2677
Android (android.graphics.Color)	4294940627 (0xFFFF97D3)
YUV	188.9360, 10.8776, 57.9381
Hunter-Lab	69.3516, 43.4911, -9.1765

Details

The Yxy color **48.0964, 0.3565, 0.2677** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.0181, 0.2850, 0.4005**, and the grayscale version is **50.7713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **22.6855, 0.3679, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **40.2351, 0.3722, 0.2535**, and if you desaturate by 10%, it is **57.7730, 0.3429, 0.2829**.

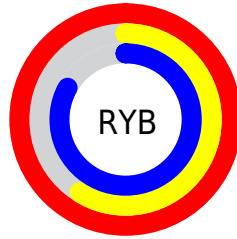
Distribution



Red (100%)

Green (59%)

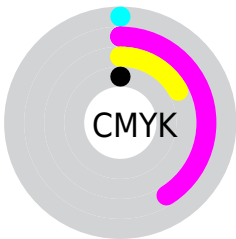
Blue (83%)



Red (100%)

Yellow (59%)

Blue (83%)

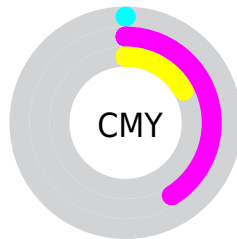


Cyan (0%)

Magenta (41%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0964, 0.3565, 0.2677 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 48.0964, 0.3565, 0.2677 by changing the saturation by 10% instead.


 48.0964, 0.3565,
0.2677


 48.0964, 0.3565,
0.2677


379.1741, 0.3355,
0.2966

 33.9032, 0.3615,
0.2610


 87.3479, 0.3491,
0.2778

 22.8193, 0.3677,
0.2527


 113.1751, 0.3462,
0.2817

 14.4601, 0.3757,
0.2421


143.6490, 0.3438,
0.2851

 8.4414, 0.3864,
0.2281

179.1541, 0.3417,
0.2880

 4.3786, 0.4015,
0.2089

220.0747, 0.3399,
0.2905

 1.8875, 0.4239,
0.1812

266.7954, 0.3383,

 0.5409, 0.4654,

0.2928

319.7004, 0.3368,
0.2948

0.1298

0.0000, 0.6303,
0.0000

0.0000, 0.0000,
0.0000

48.0964, 0.3565,
0.2677

48.0964, 0.3565,
0.2677

40.2351, 0.3722,
0.2535

57.7730, 0.3429,
0.2829

34.0661, 0.3898,
0.2414

69.3639, 0.3312,
0.2984

29.4618, 0.4090,
0.2326

82.9690, 0.3215,
0.3135

26.2734, 0.4291,
0.2283

98.6794, 0.3133,
0.3279

■ 24.3224, 0.4492,
0.2294

99.9924, 0.3127,
0.3290

■ 23.3606, 0.4671,
0.2347

Harmonies

Analogous

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



48.0964, 0.2881, 0.2371



48.0964, 0.3565, 0.2677



48.0964, 0.4171, 0.3118

Triad

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



48.0964, 0.3565, 0.2677



48.0964, 0.3884, 0.4462



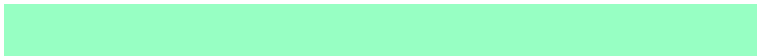
48.0964, 0.1956, 0.2731

Complementary

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



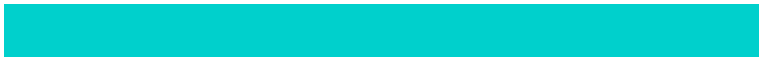
48.0964, 0.3565, 0.2677



82.0181, 0.2850, 0.4005

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.



48.0964, 0.2162, 0.3347



48.0964, 0.3565, 0.2677



48.0964, 0.3256, 0.4477

Square

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



48.0964, 0.3565, 0.2677



48.0964, 0.4337, 0.4111



48.0964, 0.2626, 0.4041



48.0964, 0.2016, 0.2363

Rectangle

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



48.0964, 0.3565, 0.2677



48.0964, 0.4408, 0.3451



48.0964, 0.2626, 0.4041



48.0964, 0.1994, 0.2913

Sweetspot

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



48.0987, 0.3565, 0.2677



81.2003, 0.3226, 0.3117



40.8758, 0.2679, 0.2128



16.9817, 0.3238, 0.3097



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.



48.0987, 0.3565, 0.2677



41.5083, 0.3693, 0.2559



45.9242, 0.4087, 0.3202



18.1628, 0.3203, 0.3154



12.2412, 0.4640, 0.2330



1.2137, 0.4432, 0.2215

Inverse Universe

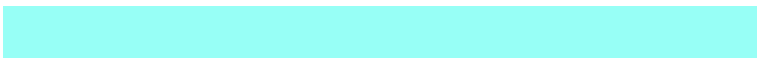
The Inverse Universe completely reimagines the original color for something new.



48.0987, 0.3565, 0.2677



41.5083, 0.3693, 0.2559



84.7493, 0.2605, 0.3386



18.1628, 0.3203, 0.3154



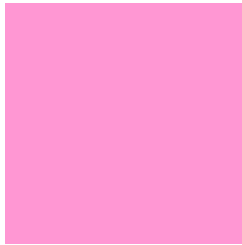
12.2412, 0.4640, 0.2330



1.2137, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 48.0964, 0.3565, 0.2677 looks on a white background.

Color Contrast Check

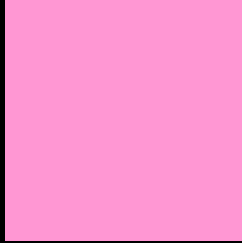
Large Text (above 18pt) WCAG AA × Fail

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 48.0964, 0.3565, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

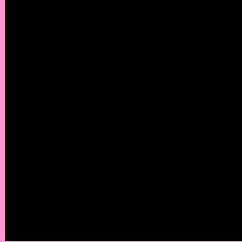
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0964, 0.3565, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 48.0964, 0.3565, 0.2677.



This preview shows how white text looks on a background with the Yxy color 48.0964, 0.3565, 0.2677.

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

48.0964, 0.3565, 0.2677

Protanopia

48.5774, 0.2700, 0.2692

Deuteranopia

48.4362, 0.3034, 0.2971



Tritanopia

48.2458, 0.3904, 0.3164

Trichromacy



Original Color

48.0964, 0.3565, 0.2677



Protanomaly

47.2041, 0.2979, 0.2671



Deuteranomaly

47.5289, 0.3219, 0.2839



Tritanomaly

48.0176, 0.3772, 0.2975

Monochromacy



Original Color

48.0964, 0.3565, 0.2677



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

48.8373, 0.3279, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0964, 0.3565, 0.2677 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, 151, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 211)  
}
```

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, 151, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 211) }
```

Border

The CSS property to change the border of an element to Yxy 48.0964, 0.3565, 0.2677 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, 151, 211) }
```

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

```
.border{ border-color:rgb(255, 151, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0964, 0.3565, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 211) }
```

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

```
.background{ background-color: rgb(255,  
151, 211) }
```

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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