

Converting Colors

$Y_{xy}(92.7132, 0.4781, 0.2957)$

Have a look what the booklet for
Yxy(92.7132, 0.4781, 0.2957)
contains.

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Color

Yxy(48.3696, 0.3573, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	FF98D2
RGB	255, 152, 210
RGB Percent	100%, 60%, 82%
CMY	0.0000, 0.4039, 0.1764
CMYK	0.00, 0.40, 0.18, 0.00
HSL	326°, 100%, 80%
HSV	326°, 40%, 100%
XYZ	64.1041, 48.3696, 66.9388
YIQ	189.4090, 42.7700, 39.8740

Conversions

Conversions Part 2

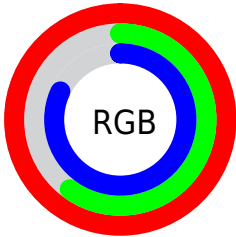
Format	Color
R _Y B	255, 152, 210
Decimal	16750802
CIE Lab	75.06, 45.99, -13.06
CIE LCh	75, 47.813, 344.143
Yxy	48.3696, 0.3573, 0.2696
Android (android.graphics.Color)	4294940882 (0xFFFF98D2)
YUV	189.4090, 10.1514, 57.5233
Hunter-Lab	69.5483, 42.8177, -8.3816

Details

The Yxy color $48.3696, 0.3573, 0.2696$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $82.2261, 0.2845, 0.3980$, and the grayscale version is $51.0579, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5918, 0.3149, 0.2831$, and $22.8377, 0.3690, 0.2550$ is the 20% darker color. If you saturate the color by 10%, you get $40.4279, 0.3735, 0.2557$, and if you desaturate by 10%, it is $58.1310, 0.3433, 0.2845$.

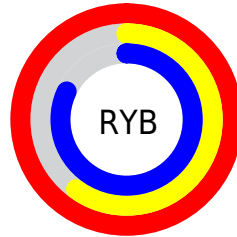
Distribution



Red (100%)

Green (60%)

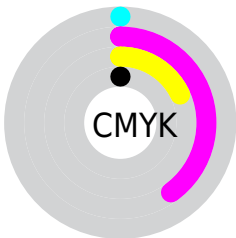
Blue (82%)



Red (100%)

Yellow (60%)

Blue (82%)

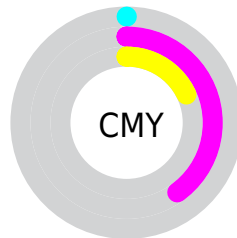


Cyan (0%)

Magenta (40%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3696, 0.3573, 0.2696 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 48.3696, 0.3573, 0.2696 by changing the saturation by 10% instead.

 48.3696, 0.3573,
0.2696

 48.3696, 0.3573,
0.2696

380.2553, 0.3359,
0.2976

 34.1197, 0.3624,
0.2631


 87.7544, 0.3497,
0.2794

 22.9856, 0.3688,
0.2550


 113.6582, 0.3468,
0.2832

 14.5828, 0.3770,
0.2446


144.2152, 0.3443,
0.2865

 8.5271, 0.3880,
0.2310

179.8101, 0.3422,
0.2893

 4.4341, 0.4035,
0.2123

220.8272, 0.3403,
0.2918

 1.9192, 0.4268,
0.1851

267.6508, 0.3387,

 0.5599, 0.4695,

0.2939

0.1352

320.6653, 0.3372,
0.2959

0.0000, 0.6549,
0.0000

0.0000, 0.0000,
0.0000

48.3696, 0.3573,
0.2696

48.3696, 0.3573,
0.2696

40.4279, 0.3735,
0.2557

58.1310, 0.3433,
0.2845

34.1871, 0.3917,
0.2437

69.8149, 0.3314,
0.2997

29.5188, 0.4116,
0.2351

83.5196, 0.3214,
0.3144

26.2748, 0.4325,
0.2309

99.3360, 0.3130,
0.3285

■ 24.2781, 0.4534,
0.2321

100.0000, 0.3127,
0.3290

■ 23.2622, 0.4729,
0.2379

Harmonies

Analogous

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



48.3696, 0.2901, 0.2390



48.3696, 0.3573, 0.2696



48.3696, 0.4162, 0.3133

Triad

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



48.3696, 0.3573, 0.2696



48.3696, 0.3860, 0.4446



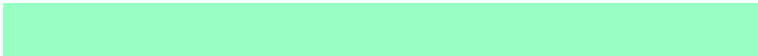
48.3696, 0.1973, 0.2731

Complementary

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



48.3696, 0.3573, 0.2696



82.2261, 0.2845, 0.3980

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.



48.3696, 0.2171, 0.3331



48.3696, 0.3573, 0.2696



48.3696, 0.3241, 0.4448

Square

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



48.3696, 0.3573, 0.2696



48.3696, 0.4309, 0.4109



48.3696, 0.2623, 0.4011



48.3696, 0.2039, 0.2374

Rectangle

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



48.3696, 0.3573, 0.2696



48.3696, 0.4390, 0.3462



48.3696, 0.2623, 0.4011



48.3696, 0.2009, 0.2908

Sweetspot

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



48.3706, 0.3573, 0.2696



81.1755, 0.3228, 0.3121



41.4977, 0.2697, 0.2144



16.9759, 0.3241, 0.3102



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.



48.3706, 0.3573, 0.2696



42.1683, 0.3694, 0.2588



46.2153, 0.4092, 0.3221



18.1585, 0.3206, 0.3157



12.1855, 0.4697, 0.2361



1.2084, 0.4480, 0.2242

Inverse Universe

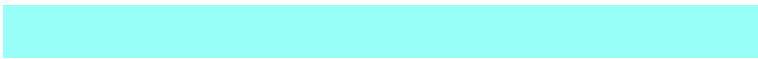
The Inverse Universe completely reimagines the original color for something new.



48.3706, 0.3573, 0.2696



42.1683, 0.3694, 0.2588



84.9811, 0.2601, 0.3365



18.1585, 0.3206, 0.3157



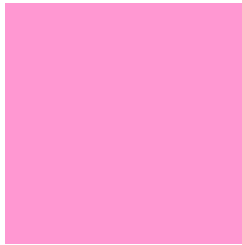
12.1855, 0.4697, 0.2361



1.2084, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 48.3696, 0.3573, 0.2696 looks on a white background.

Color Contrast Check

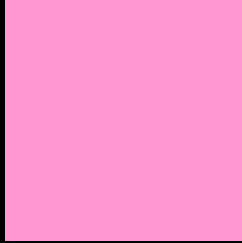
Large Text (above 18pt) WCAG AA × Fail

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 48.3696, 0.3573, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

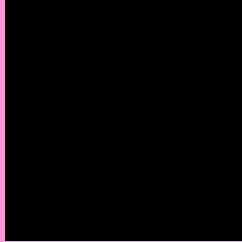
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3696, 0.3573, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 48.3696, 0.3573, 0.2696.



This preview shows how white text looks on a background with the Yxy color 48.3696, 0.3573, 0.2696.

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

48.3696, 0.3573, 0.2696

Protanopia

48.6352, 0.2714, 0.2704

Deuteranopia

48.5196, 0.3049, 0.2984



Tritanopia

48.2458, 0.3904, 0.3164

Trichromacy



Original Color

48.3696, 0.3573, 0.2696



Protanomaly

47.5293, 0.2987, 0.2694



Deuteranomaly

47.8534, 0.3226, 0.2861



Tritanomaly

47.9752, 0.3782, 0.2985

Monochromacy



Original Color

48.3696, 0.3573, 0.2696



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.2280, 0.3278, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3696, 0.3573, 0.2696 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, 152, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 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, 152, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 210) }
```

Border

The CSS property to change the border of an element to Yxy 48.3696, 0.3573, 0.2696 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, 152, 210) }
```

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

```
.border{ border-color:rgb(255, 152, 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, 152, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3696, 0.3573, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 210) }
```

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

```
.background{ background-color: rgb(255,  
152, 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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