

Converting Colors

$Y_{xy}(49.3749, 0.3744, 0.2942)$

Have a look what the booklet for
Yxy(49.3749, 0.3744, 0.2942)
contains.

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Color

Yxy(49.4753, 0.3745, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EBF
RGB	255, 158, 191
RGB Percent	100%, 62%, 75%
CMY	0.0000, 0.3804, 0.2509
CMYK	0.00, 0.38, 0.25, 0.00
HSL	340°, 100%, 81%
HSV	340°, 38%, 100%
XYZ	62.8724, 49.4753, 55.5359
YIQ	190.7650, 47.2190, 30.8270

Conversions

Conversions Part 2

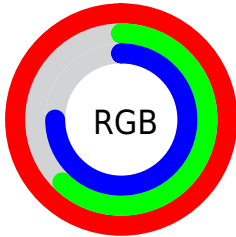
Format	Color
R _Y B	255, 158, 191
Decimal	16752319
CIE Lab	75.75, 40.20, -1.61
CIE LCh	76, 40.231, 357.701
Yxy	49.4753, 0.3745, 0.2947
Android (android.graphics.Color)	4294942399 (0xFFFF9EBF)
YUV	190.7650, 0.1159, 56.3341
Hunter-Lab	70.3387, 36.4600, 2.4247

Details

The Yxy color $49.4753, 0.3745, 0.2947$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.0627, 0.2752, 0.3669$, and the grayscale version is $51.9377, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3200, 0.2966$, and $23.6739, 0.3905, 0.2853$ is the 20% darker color. If you saturate the color by 10%, you get $40.9633, 0.3995, 0.2860$, and if you desaturate by 10%, it is $59.8815, 0.3535, 0.3040$.

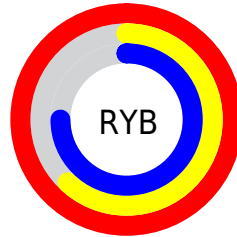
Distribution



Red (100%)

Green (62%)

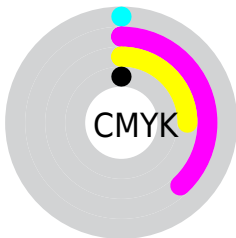
Blue (75%)



Red (100%)

Yellow (62%)

Blue (75%)

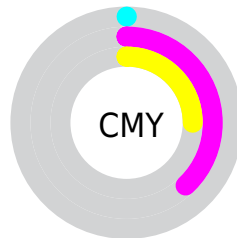


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (38%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4753, 0.3745, 0.2947 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 49.4753, 0.3745, 0.2947 by changing the saturation by 10% instead.


 49.4753, 0.3745,
0.2947

 49.4753, 0.3745,
0.2947


384.6105, 0.3440,
0.3115

 34.9967, 0.3820,
0.2906


 89.3970, 0.3635,
0.3007

 23.6603, 0.3914,
0.2854


 115.6088, 0.3594,
0.3030

 15.0818, 0.4039,
0.2787


146.5005, 0.3559,
0.3050

 8.8768, 0.4210,
0.2694

182.4564, 0.3528,
0.3066

 4.6609, 0.4458,
0.2561

223.8610, 0.3502,
0.3081

 2.0497, 0.4847,
0.2355

271.0986, 0.3479,

 0.6361, 0.5589,

0.3094

0.1946

324.5536, 0.3459,
0.3105

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.4753, 0.3745,
0.2947

■ 49.4753, 0.3745,
0.2947

■ 40.9633, 0.3995,
0.2860

■ 59.8815, 0.3535,
0.3040

■ 34.2235, 0.4287,
0.2788

■ 72.2806, 0.3363,
0.3133

■ 29.1300, 0.4614,
0.2743

■ 86.7727, 0.3222,
0.3222

■ 25.5373, 0.4961,
0.2738

100.0000, 0.3127,
0.3290

■ 23.2740, 0.5302,
0.2781

■ 22.1084, 0.5608,
0.2873

■ 21.9447, 0.5663,
0.2894

Harmonies

Analogous

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



49.4753, 0.3193, 0.2622



49.4753, 0.3745, 0.2947



49.4753, 0.4135, 0.3358

Triad

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



49.4753, 0.3745, 0.2947



49.4753, 0.3530, 0.4295



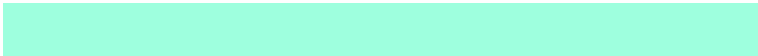
49.4753, 0.2140, 0.2662

Complementary

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



49.4753, 0.3745, 0.2947



84.0627, 0.2752, 0.3669

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.



49.4753, 0.2211, 0.3088



49.4753, 0.3745, 0.2947



49.4753, 0.2989, 0.4118

Square

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



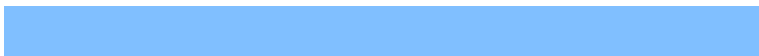
49.4753, 0.3745, 0.2947



49.4753, 0.3986, 0.4143



49.4753, 0.2510, 0.3643



49.4753, 0.2297, 0.2447

Rectangle

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



49.4753, 0.3745, 0.2947



49.4753, 0.4228, 0.3647



49.4753, 0.2510, 0.3643



49.4753, 0.2137, 0.2782

Sweetspot

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



49.4775, 0.3745, 0.2947



82.2559, 0.3260, 0.3196



47.0554, 0.2894, 0.2266



17.1772, 0.3279, 0.3184



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.



49.4775, 0.3745, 0.2947



42.5503, 0.3941, 0.2877



53.4450, 0.4015, 0.3446



18.0891, 0.3240, 0.3209



11.4916, 0.5620, 0.2870



1.1384, 0.5303, 0.2695

Inverse Universe

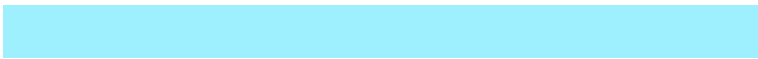
The Inverse Universe completely reimagines the original color for something new.



49.4775, 0.3745, 0.2947



42.5503, 0.3941, 0.2877



77.0754, 0.2572, 0.3125



18.0891, 0.3240, 0.3209



11.4916, 0.5620, 0.2870



1.1384, 0.5303, 0.2695

Previews

White Background



This preview shows how the Yxy color 49.4753, 0.3745, 0.2947 looks on a white background.

Color Contrast Check

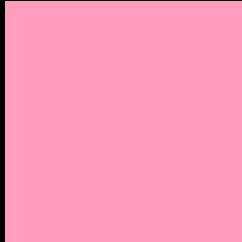
Large Text (above 18pt) WCAG AA × Fail

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 49.4753, 0.3745, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

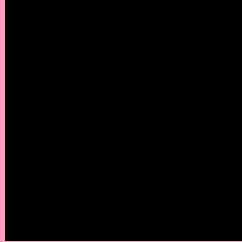
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4753, 0.3745, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 49.4753, 0.3745, 0.2947.



This preview shows how white text looks on a background with the Yxy color 49.4753, 0.3745, 0.2947.

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

49.4753, 0.3745, 0.2947

Protanopia

49.8622, 0.2947, 0.3016

Deuteranopia

49.6147, 0.3286, 0.3217



Tritanopia

49.3895, 0.3896, 0.3165

Trichromacy



Original Color

49.4753, 0.3745, 0.2947



Protanomaly

49.0166, 0.3211, 0.2983



Deuteranomaly

49.2060, 0.3449, 0.3117



Tritanomaly

49.5077, 0.3839, 0.3081

Monochromacy



Original Color

49.4753, 0.3745, 0.2947



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.2979, 0.3334, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4753, 0.3745, 0.2947 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, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 191)  
}
```

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, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 191) }
```

Border

The CSS property to change the border of an element to Yxy 49.4753, 0.3745, 0.2947 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, 158, 191) }
```

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

```
.border{ border-color:rgb(255, 158, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4753, 0.3745, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 191) }
```

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

```
.background{ background-color: rgb(255,  
158, 191) }
```

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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