

Converting Colors

Yxy(53.9955, 0.3847, 0.2969)

Have a look what the booklet for
Yxy(53.9955, 0.3847, 0.2969)
contains.

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Color

Yxy(50.9957, 0.3706, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2C2
RGB	255, 162, 194
RGB Percent	100%, 64%, 76%
CMY	0.0001, 0.3646, 0.2392
CMYK	0.00, 0.36, 0.24, 0.00
HSL	339°, 100%, 82%
HSV	339°, 36%, 100%
XYZ	63.8912, 50.9957, 57.5124
YIQ	193.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

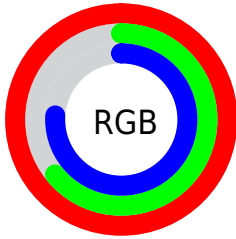
Format	Color
R _Y B	255, 162, 194
Decimal	16753346
CIE Lab	76.68, 38.53, -1.88
CIE LCh	77, 38.575, 357.201
Yxy	50.9957, 0.3706, 0.2958
Android (android.graphics.Color)	4294943426 (0xFFFFA2C2)
YUV	193.4550, 0.2687, 53.9750
Hunter-Lab	71.4113, 34.7330, 2.2376

Details

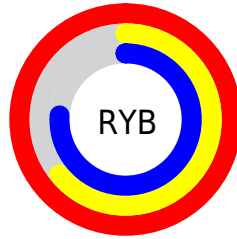
The Yxy color $50.9957, 0.3706, 0.2958$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.5164, 0.2767, 0.3655$, and the grayscale version is $53.5904, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3049, 0.3177, 0.2977$, and $24.7010, 0.3875, 0.2880$ is the 20% darker color. If you saturate the color by 10%, you get $42.1965, 0.3948, 0.2869$, and if you desaturate by 10%, it is $61.7055, 0.3504, 0.3052$.

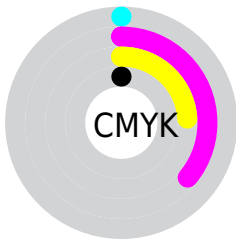
Distribution



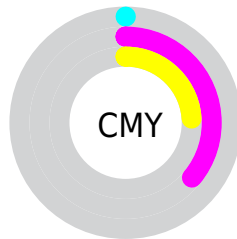
- Red (100%)
- Green (64%)
- Blue (76%)



- Red (100%)
- Yellow (64%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9957, 0.3706, 0.2958 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 50.9957, 0.3706, 0.2958 by changing the saturation by 10% instead.

 50.9957, 0.3706,
0.2958

 50.9957, 0.3706,
0.2958

390.5471, 0.3422,
0.3120

 36.2052, 0.3775,
0.2919


 91.6484, 0.3604,
0.3016

 24.5927, 0.3863,
0.2870


 118.2794, 0.3566,
0.3038

 15.7739, 0.3978,
0.2805


149.6260, 0.3533,
0.3056

 9.3643, 0.4134,
0.2718

186.0726, 0.3504,
0.3073

 4.9795, 0.4361,
0.2593

228.0037, 0.3480,
0.3087

 2.2353, 0.4714,
0.2401

275.8035, 0.3458,

 0.7391, 0.5345,

0.3099

0.2053

329.8565, 0.3439,
0.3110

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9957, 0.3706,
0.2958

50.9957, 0.3706,
0.2958

42.1965, 0.3948,
0.2869

61.7055, 0.3504,
0.3052

35.1870, 0.4231,
0.2793

74.4226, 0.3337,
0.3146

29.8439, 0.4551,
0.2742

89.2461, 0.3201,
0.3235

26.0251, 0.4895,
0.2728

99.9956, 0.3127,
0.3290

■ 23.5640, 0.5237,
0.2764

■ 22.2534, 0.5548,
0.2849

■ 21.9555, 0.5650,
0.2886

Harmonies

Analogous

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



50.9957, 0.3182, 0.2649



50.9957, 0.3706, 0.2958



50.9957, 0.4079, 0.3352

Triad

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



50.9957, 0.3706, 0.2958



50.9957, 0.3521, 0.4242



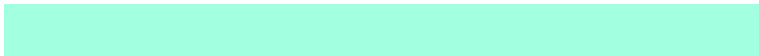
50.9957, 0.2184, 0.2700

Complementary

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



50.9957, 0.3706, 0.2958



84.5164, 0.2767, 0.3655

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.



50.9957, 0.2257, 0.3109



50.9957, 0.3706, 0.2958



50.9957, 0.3006, 0.4078

Square

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



50.9957, 0.3706, 0.2958



50.9957, 0.3951, 0.4099



50.9957, 0.2548, 0.3634



50.9957, 0.2332, 0.2488

Rectangle

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



50.9957, 0.3706, 0.2958



50.9957, 0.4172, 0.3627



50.9957, 0.2548, 0.3634



50.9957, 0.2183, 0.2816

Sweetspot

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



50.9981, 0.3706, 0.2958



82.2618, 0.3260, 0.3195



48.6656, 0.2907, 0.2310



17.1786, 0.3278, 0.3183



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.



50.9981, 0.3706, 0.2958



44.1974, 0.3885, 0.2890



54.9012, 0.3964, 0.3439



18.0902, 0.3240, 0.3209



11.4997, 0.5606, 0.2862



1.1393, 0.5290, 0.2688

Inverse Universe

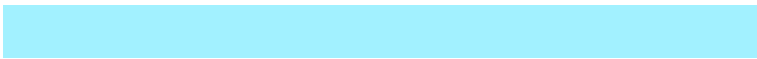
The Inverse Universe completely reimagines the original color for something new.



50.9981, 0.3706, 0.2958



44.1974, 0.3885, 0.2890



77.8323, 0.2593, 0.3133



18.0902, 0.3240, 0.3209



11.4997, 0.5606, 0.2862



1.1393, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 50.9957, 0.3706, 0.2958 looks on a white background.

Color Contrast Check

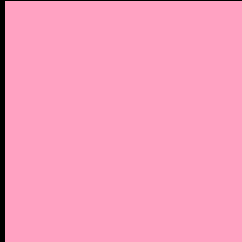
Large Text (above 18pt) WCAG AA × Fail

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 50.9957, 0.3706, 0.2958 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 50.9957, 0.3706, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 50.9957, 0.3706, 0.2958.



This preview shows how white text looks on a background with the Yxy color 50.9957, 0.3706, 0.2958.

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

50.9957, 0.3706, 0.2958

Protanopia

51.1844, 0.2956, 0.3020

Deuteranopia

51.4086, 0.3283, 0.3218



Tritanopia

50.9672, 0.3844, 0.3165

Trichromacy



Original Color

50.9957, 0.3706, 0.2958

Protanomaly

50.5969, 0.3209, 0.2997

Deuteranomaly

50.8198, 0.3435, 0.3119

Tritanomaly

51.0406, 0.3798, 0.3092

Monochromacy



Original Color

50.9957, 0.3706, 0.2958

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.9051, 0.3330, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9957, 0.3706, 0.2958 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, 162, 194)` looks like.

```
.text, #text, p{  
  color:rgb(255, 162, 194)  
}
```

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, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.9957, 0.3706, 0.2958 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, 162, 194) }
```

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

```
.border{ border-color:rgb(255, 162, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9957, 0.3706, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 194) }
```

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

```
.background{ background-color: rgb(255,  
162, 194) }
```

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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