

Converting Colors

Yxy(53.2847, 0.3469, 0.2739)

Have a look what the booklet for
Yxy(53.2847, 0.3469, 0.2739)
contains.

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Color

Yxy(53.2847, 0.3469, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5DB
RGB	255, 165, 219
RGB Percent	100%, 65%, 86%
CMY	0.0000, 0.3529, 0.1410
CMYK	0.00, 0.35, 0.14, 0.00
HSL	324°, 100%, 82%
HSV	324°, 35%, 100%
XYZ	67.4862, 53.2847, 73.7698
YIQ	198.0660, 36.3060, 35.8740

Conversions

Conversions Part 2

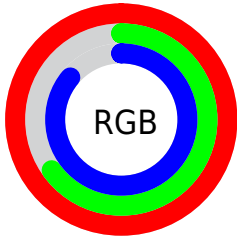
Format	Color
R _Y B	255, 165, 219
Decimal	16754139
CIE Lab	78.04, 40.71, -13.52
CIE LCh	78, 42.891, 341.632
Yxy	53.2847, 0.3469, 0.2739
Android (android.graphics.Color)	4294944219 (0xFFFFA5DB)
YUV	198.0660, 10.3205, 49.9311
Hunter-Lab	72.9964, 37.2821, -8.8208

Details

The Yxy color **53.2847, 0.3469, 0.2739** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.7345, 0.2893, 0.3919**, and the grayscale version is **56.4348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.9195, 0.3556, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **44.4658, 0.3606, 0.2585**, and if you desaturate by 10%, it is **63.9730, 0.3351, 0.2899**.

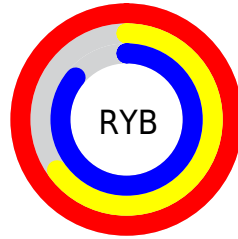
Distribution



Red (100%)

Green (65%)

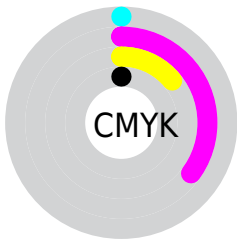
Blue (86%)



Red (100%)

Yellow (65%)

Blue (86%)

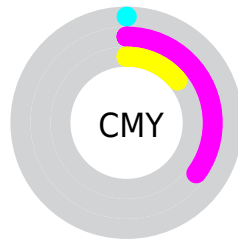


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2847, 0.3469, 0.2739 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 53.2847, 0.3469, 0.2739 by changing the saturation by 10% instead.


 53.2847, 0.3469,
0.2739

 53.2847, 0.3469,
0.2739


399.3764, 0.3308,
0.2995

 38.0301, 0.3506,
0.2680


 95.0232, 0.3413,
0.2828

 26.0060, 0.3553,
0.2608


 122.2758, 0.3391,
0.2863

 16.8282, 0.3612,
0.2515


154.2966, 0.3372,
0.2893

 10.1121, 0.3690,
0.2395

191.4699, 0.3356,
0.2919

 5.4733, 0.3798,
0.2231

234.1802, 0.3342,
0.2941

 2.5276, 0.3955,
0.1997

282.8118, 0.3329,

 0.8904, 0.4205,

0.2961

0.1638

337.7490, 0.3318,
0.2979

■ 0.0000, 0.5263,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2847, 0.3469,
0.2739

■ 53.2847, 0.3469,
0.2739

■ 44.4658, 0.3606,
0.2585

■ 63.9730, 0.3351,
0.2899

■ 37.4019, 0.3761,
0.2446

■ 76.6276, 0.3250,
0.3058

■ 31.9726, 0.3933,
0.2333

■ 91.3436, 0.3166,
0.3212

■ 28.0403, 0.4116,
0.2259

100.0000, 0.3127,
0.3290

■ 25.4448, 0.4303,
0.2235

■ 23.9880, 0.4487,
0.2264

■ 23.5633, 0.4571,
0.2292

Harmonies

Analogous

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



53.2847, 0.2887, 0.2478



53.2847, 0.3469, 0.2739



53.2847, 0.3991, 0.3124

Triad

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



53.2847, 0.3469, 0.2739



53.2847, 0.3818, 0.4285



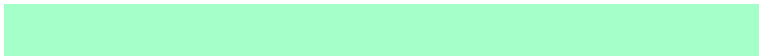
53.2847, 0.2114, 0.2847

Complementary

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



53.2847, 0.3469, 0.2739



83.7345, 0.2893, 0.3919

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.



53.2847, 0.2315, 0.3382



53.2847, 0.3469, 0.2739



53.2847, 0.3284, 0.4299

Square

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



53.2847, 0.3469, 0.2739



53.2847, 0.4185, 0.3990



53.2847, 0.2734, 0.3952



53.2847, 0.2151, 0.2506

Rectangle

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



53.2847, 0.3469, 0.2739



53.2847, 0.4207, 0.3417



53.2847, 0.2734, 0.3952



53.2847, 0.2154, 0.3009

Sweetspot

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



53.2861, 0.3469, 0.2739



82.6898, 0.3212, 0.3125



46.3403, 0.2730, 0.2292



17.2805, 0.3224, 0.3104



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.



53.2861, 0.3469, 0.2739



47.1722, 0.3559, 0.2634



51.2846, 0.3876, 0.3182



18.1702, 0.3200, 0.3148



12.3426, 0.4543, 0.2276



1.2234, 0.4348, 0.2169

Inverse Universe

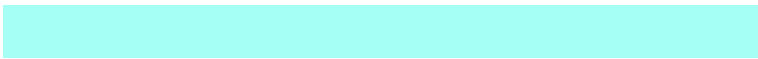
The Inverse Universe completely reimagines the original color for something new.



53.2861, 0.3469, 0.2739



47.1722, 0.3559, 0.2634



86.0813, 0.2677, 0.3405



18.1702, 0.3200, 0.3148



12.3426, 0.4543, 0.2276



1.2234, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 53.2847, 0.3469, 0.2739 looks on a white background.

Color Contrast Check

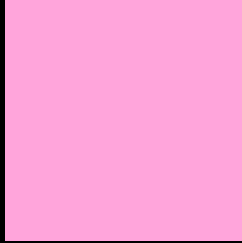
Large Text (above 18pt) WCAG AA × Fail

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 53.2847, 0.3469, 0.2739 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 53.2847, 0.3469, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 53.2847, 0.3469, 0.2739.



This preview shows how white text looks on a background with the Yxy color 53.2847, 0.3469, 0.2739.

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

53.2847, 0.3469, 0.2739

Protanopia

53.8810, 0.2749, 0.2760

Deuteranopia

53.4293, 0.3038, 0.2972



Tritanopia

53.0957, 0.3742, 0.3154

Trichromacy



Original Color

53.2847, 0.3469, 0.2739



Protanomaly

52.7244, 0.2984, 0.2745



Deuteranomaly

52.9725, 0.3188, 0.2885



Tritanomaly

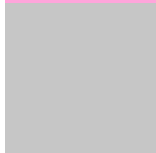
53.1026, 0.3635, 0.2997

Monochromacy



Original Color

53.2847, 0.3469, 0.2739



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6341, 0.3246, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2847, 0.3469, 0.2739 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, 165, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 219)  
}
```

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, 165, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.2847, 0.3469, 0.2739 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, 165, 219) }
```

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

```
.border{ border-color:rgb(255, 165, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2847, 0.3469, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 219) }
```

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

```
.background{ background-color: rgb(255,  
165, 219) }
```

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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