

Converting Colors

Yxy(52.4423, 0.3690, 0.2992)

Have a look what the booklet for
Yxy(52.4423, 0.3690, 0.2992)
contains.

Yxy(52.4726, 0.3687, 0.2989)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4726, 0.3687, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C3
RGB	255, 166, 195
RGB Percent	100%, 65%, 76%
CMY	0.0000, 0.3490, 0.2352
CMYK	0.00, 0.35, 0.24, 0.00
HSL	340°, 100%, 83%
HSV	340°, 35%, 100%
XYZ	64.7262, 52.4726, 58.3536
YIQ	195.9170, 43.7350, 27.8870

Conversions

Conversions Part 2

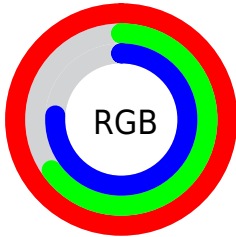
Format	Color
R _Y B	255, 166, 195
Decimal	16754371
CIE Lab	77.56, 36.61, -1.14
CIE LCh	78, 36.627, 358.216
Yxy	52.4726, 0.3687, 0.2989
Android (android.graphics.Color)	4294944451 (0xFFFFA6C3)
YUV	195.9170, -0.4521, 51.8158
Hunter-Lab	72.4380, 32.7303, 2.9445

Details

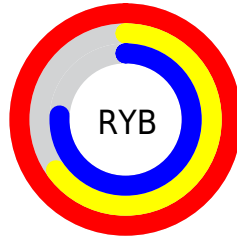
The Yxy color **52.4726, 0.3687, 0.2989** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.1151, 0.2772, 0.3618**, and the grayscale version is **55.1347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4676, 0.3168, 0.3007**, and **25.6037, 0.3847, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **43.3715, 0.3930, 0.2903**, and if you desaturate by 10%, it is **63.5060, 0.3485, 0.3079**.

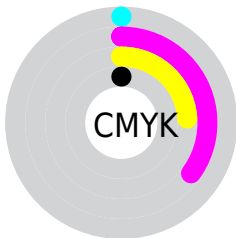
Distribution



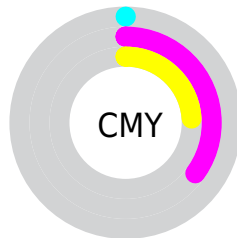
- Red (100%)
- Green (65%)
- Blue (76%)



- Red (100%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4726, 0.3687, 0.2989 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 52.4726, 0.3687, 0.2989 by changing the saturation by 10% instead.


 52.4726, 0.3687,
0.2989

 52.4726, 0.3687,
0.2989

396.2584, 0.3413,
0.3136

 37.3819, 0.3753,
0.2954


 93.8279, 0.3589,
0.3041

 25.5033, 0.3837,
0.2909


 120.8612, 0.3552,
0.3061

 16.4524, 0.3947,
0.2851


152.6442, 0.3520,
0.3078

 9.8449, 0.4097,
0.2772

189.5613, 0.3493,
0.3093

 5.2962, 0.4312,
0.2659

231.9969, 0.3469,
0.3106

 2.4221, 0.4647,
0.2485

280.3354, 0.3448,

 0.8372, 0.5231,

0.3117

0.2183

334.9611, 0.3430,
0.3127

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4726, 0.3687,
0.2989

52.4726, 0.3687,
0.2989

43.3715, 0.3930,
0.2903

63.5060, 0.3485,
0.3079

36.0830, 0.4216,
0.2829

76.5672, 0.3319,
0.3167

30.4857, 0.4542,
0.2778

91.7545, 0.3184,
0.3251

26.4401, 0.4893,
0.2761

99.9991, 0.3127,
0.3290

■ 23.7838, 0.5247,
0.2791

■ 22.3179, 0.5570,
0.2870

■ 21.8854, 0.5718,
0.2923

Harmonies

Analogous

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



52.4726, 0.3197, 0.2691



52.4726, 0.3687, 0.2989



52.4726, 0.4029, 0.3365

Triad

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



52.4726, 0.3687, 0.2989



52.4726, 0.3485, 0.4183



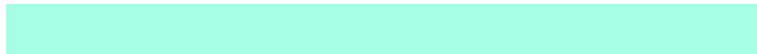
52.4726, 0.2236, 0.2725

Complementary

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



52.4726, 0.3687, 0.2989



85.1151, 0.2772, 0.3618

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.



52.4726, 0.2299, 0.3107



52.4726, 0.3687, 0.2989



52.4726, 0.3000, 0.4016

Square

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



52.4726, 0.3687, 0.2989



52.4726, 0.3894, 0.4062



52.4726, 0.2570, 0.3597



52.4726, 0.2384, 0.2529

Rectangle

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



52.4726, 0.3687, 0.2989



52.4726, 0.4111, 0.3626



52.4726, 0.2570, 0.3597



52.4726, 0.2233, 0.2834

Sweetspot

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



52.4751, 0.3687, 0.2989



83.7377, 0.3249, 0.3209



50.5561, 0.2930, 0.2357



17.4718, 0.3269, 0.3197



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.



52.4751, 0.3687, 0.2989



45.8194, 0.3855, 0.2927



56.9949, 0.3909, 0.3448



18.0847, 0.3243, 0.3213



11.4603, 0.5674, 0.2900



1.1350, 0.5356, 0.2724

Inverse Universe

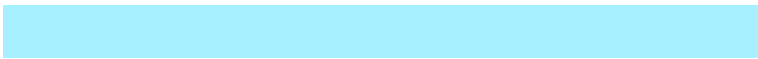
The Inverse Universe completely reimagines the original color for something new.



52.4751, 0.3687, 0.2989



45.8194, 0.3855, 0.2927



77.7442, 0.2611, 0.3123



18.0847, 0.3243, 0.3213



11.4603, 0.5674, 0.2900



1.1350, 0.5356, 0.2724

Previews

White Background



This preview shows how the Yxy color 52.4726, 0.3687, 0.2989 looks on a white background.

Color Contrast Check

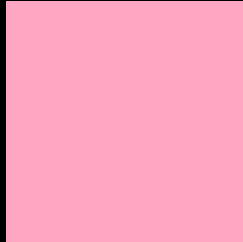
Large Text (above 18pt) WCAG AA × Fail

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 52.4726, 0.3687, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

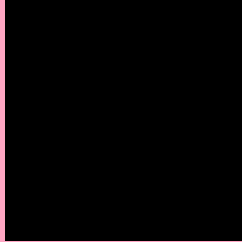
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4726, 0.3687, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 52.4726, 0.3687, 0.2989.



This preview shows how white text looks on a background with the Yxy color 52.4726, 0.3687, 0.2989.

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

52.4726, 0.3687, 0.2989

Protanopia

52.8619, 0.2980, 0.3059

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.4123, 0.3805, 0.3155

Trichromacy



Original Color

52.4726, 0.3687, 0.2989



Protanomaly

52.1598, 0.3215, 0.3023



Deuteranomaly

52.3769, 0.3439, 0.3143



Tritanomaly

52.2534, 0.3761, 0.3092

Monochromacy



Original Color

52.4726, 0.3687, 0.2989



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.4352, 0.3310, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4726, 0.3687, 0.2989 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, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 195)  
}
```

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, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.4726, 0.3687, 0.2989 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, 166, 195) }
```

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

```
.border{ border-color:rgb(255, 166, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4726, 0.3687, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 195) }
```

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

```
.background{ background-color: rgb(255,  
166, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor