

Converting Colors

Yxy(53.4644, 0.3611, 0.2887)

Have a look what the booklet for
Yxy(53.4644, 0.3611, 0.2887)
contains.

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Color

Yxy(52.9402, 0.3594, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6CD
RGB	255, 166, 205
RGB Percent	100%, 65%, 80%
CMY	0.0002, 0.3489, 0.1962
CMYK	0.00, 0.35, 0.20, 0.00
HSL	334°, 100%, 83%
HSV	334°, 35%, 100%
XYZ	65.8820, 52.9402, 64.4888
YIQ	197.0570, 40.5250, 30.9970

Conversions

Conversions Part 2

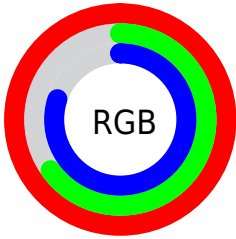
Format	Color
R _Y B	255, 166, 205
Decimal	16754381
CIE Lab	77.84, 38.02, -6.17
CIE LCh	78, 38.515, 350.786
Yxy	52.9402, 0.3594, 0.2888
Android (android.graphics.Color)	4294944461 (0xFFFFA6CD)
YUV	197.0570, 3.9159, 50.8160
Hunter-Lab	72.7600, 34.2962, -1.6180

Details

The Yxy color **52.9402, 0.3594, 0.2888** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.5626, 0.2822, 0.3736**, and the grayscale version is **55.8300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **25.9149, 0.3716, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **43.9113, 0.3792, 0.2773**, and if you desaturate by 10%, it is **63.8748, 0.3427, 0.3007**.

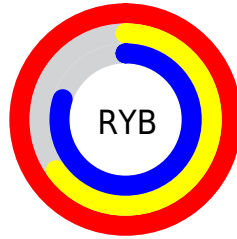
Distribution



Red (100%)

Green (65%)

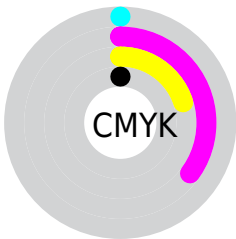
Blue (80%)



Red (100%)

Yellow (65%)

Blue (80%)

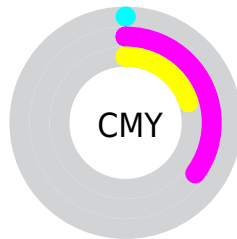


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9402, 0.3594, 0.2888 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 52.9402, 0.3594, 0.2888 by changing the saturation by 10% instead.


 52.9402, 0.3594,
0.2888

 52.9402, 0.3594,
0.2888

398.0557, 0.3368,
0.3079

 37.7550, 0.3648,
0.2843


 94.5164, 0.3514,
0.2955

 25.7926, 0.3716,
0.2787


 121.6762, 0.3483,
0.2981

 16.6686, 0.3804,
0.2715


153.5963, 0.3457,
0.3003

 9.9985, 0.3923,
0.2619

190.6611, 0.3435,
0.3023

 5.3979, 0.4093,
0.2484

233.2551, 0.3415,
0.3039

 2.4826, 0.4351,
0.2285

281.7626, 0.3398,

 0.8679, 0.4792,

0.3054

0.1961

336.5680, 0.3382,
0.3067

0.0000, 0.8041,
0.0000

0.0000, 0.0000,
0.0000

52.9402, 0.3594,
0.2888

52.9402, 0.3594,
0.2888

43.9113, 0.3792,
0.2773

63.8748, 0.3427,
0.3007

36.6698, 0.4022,
0.2671

76.8094, 0.3289,
0.3125

31.0960, 0.4283,
0.2593

91.8410, 0.3175,
0.3238

27.0517, 0.4565,
0.2553

99.9922, 0.3127,
0.3290

■ 24.3765, 0.4855,
0.2562

■ 22.8733, 0.5133,
0.2627

■ 22.4145, 0.5268,
0.2676

Harmonies

Analogous

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



52.9402, 0.3069, 0.2608



52.9402, 0.3594, 0.2888



52.9402, 0.4008, 0.3265

Triad

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



52.9402, 0.3594, 0.2888



52.9402, 0.3619, 0.4221



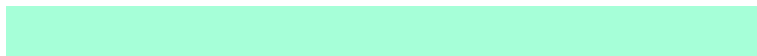
52.9402, 0.2193, 0.2779

Complementary

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



52.9402, 0.3594, 0.2888



84.5626, 0.2822, 0.3736

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.



52.9402, 0.2312, 0.3218



52.9402, 0.3594, 0.2888



52.9402, 0.3117, 0.4128

Square

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



52.9402, 0.3594, 0.2888



52.9402, 0.4007, 0.4029



52.9402, 0.2642, 0.3737



52.9402, 0.2293, 0.2526

Rectangle

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



52.9402, 0.3594, 0.2888



52.9402, 0.4143, 0.3537



52.9402, 0.2642, 0.3737



52.9402, 0.2208, 0.2908

Sweetspot

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



52.9427, 0.3594, 0.2888



83.9068, 0.3231, 0.3181



48.9394, 0.2849, 0.2336



17.5126, 0.3247, 0.3165



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.



52.9427, 0.3594, 0.2888



46.3398, 0.3732, 0.2805



52.9354, 0.3947, 0.3339



18.1192, 0.3225, 0.3186



11.7451, 0.5227, 0.2653



1.1651, 0.4941, 0.2496

Inverse Universe

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



52.9427, 0.3594, 0.2888



46.3398, 0.3732, 0.2805



84.0178, 0.2627, 0.3240



18.1192, 0.3225, 0.3186



11.7451, 0.5227, 0.2653



1.1651, 0.4941, 0.2496

Previews

White Background



This preview shows how the Yxy color 52.9402, 0.3594, 0.2888 looks on a white background.

Color Contrast Check

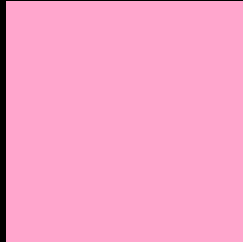
Large Text (above 18pt) WCAG AA × Fail

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 52.9402, 0.3594, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

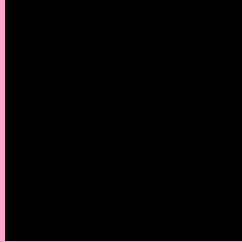
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9402, 0.3594, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 52.9402, 0.3594, 0.2888.



This preview shows how white text looks on a background with the Yxy color 52.9402, 0.3594, 0.2888.

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

52.9402, 0.3594, 0.2888

Protanopia

53.1734, 0.2888, 0.2930

Deuteranopia

53.1676, 0.3193, 0.3125



Tritanopia

53.0510, 0.3772, 0.3154

Trichromacy



Original Color

52.9402, 0.3594, 0.2888



Protanomaly

52.3592, 0.3120, 0.2910



Deuteranomaly

52.5120, 0.3337, 0.3030



Tritanomaly

53.2084, 0.3708, 0.3061

Monochromacy



Original Color

52.9402, 0.3594, 0.2888



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.1934, 0.3285, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9402, 0.3594, 0.2888 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.9402, 0.3594, 0.2888 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, 205) }
```

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

```
.border{ border-color:rgb(255, 166, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9402, 0.3594, 0.2888 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
166, 205) }
```

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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