

Converting Colors

$Y_{xy}(75.4355, 0.4338, 0.3004)$

Have a look what the booklet for
Yxy(75.4355, 0.4338, 0.3004)
contains.

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Color

Yxy(53.3052, 0.3592, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7CD
RGB	255, 167, 205
RGB Percent	100%, 65%, 80%
CMY	0.0001, 0.3450, 0.1961
CMYK	0.00, 0.34, 0.20, 0.00
HSL	334°, 100%, 83%
HSV	334°, 34%, 100%
XYZ	66.0705, 53.3052, 64.5622
YIQ	197.6440, 40.2500, 30.4740

Conversions

Conversions Part 2

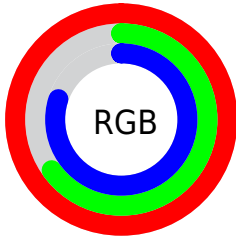
Format	Color
R _Y B	255, 167, 205
Decimal	16754637
CIE Lab	78.05, 37.51, -5.86
CIE LCh	78, 37.967, 351.122
Yxy	53.3052, 0.3592, 0.2898
Android (android.graphics.Color)	4294944717 (0xFFFFA7CD)
YUV	197.6440, 3.6265, 50.3012
Hunter-Lab	73.0104, 33.7647, -1.3221

Details

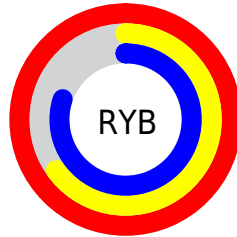
The Yxy color **53.3052, 0.3592, 0.2898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.7306, 0.2822, 0.3723**, and the grayscale version is **56.2056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.1393, 0.3713, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **44.1995, 0.3791, 0.2784**, and if you desaturate by 10%, it is **64.3223, 0.3425, 0.3016**.

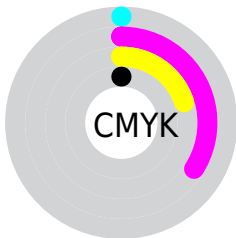
Distribution



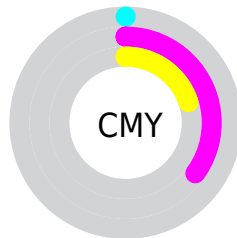
- Red (100%)
- Green (65%)
- Blue (80%)



- Red (100%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3052, 0.3592, 0.2898 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 53.3052, 0.3592, 0.2898 by changing the saturation by 10% instead.


 53.3052, 0.3592,
0.2898


 53.3052, 0.3592,
0.2898

399.4550, 0.3368,
0.3084

 38.0465, 0.3646,
0.2854


 95.0533, 0.3512,
0.2964

 26.0188, 0.3713,
0.2799

 122.3115, 0.3482,
0.2989

 16.8377, 0.3801,
0.2729


154.3383, 0.3456,
0.3011

 10.1188, 0.3920,
0.2635

191.5180, 0.3433,
0.3029

 5.4778, 0.4088,
0.2504

234.2352, 0.3414,
0.3046

 2.5302, 0.4345,
0.2310

282.8741, 0.3396,

 0.8917, 0.4783,

0.3060

0.1992

337.8193, 0.3381,
0.3073

0.0000, 0.8023,
0.0000

0.0000, 0.0000,
0.0000

53.3052, 0.3592,
0.2898

53.3052, 0.3592,
0.2898

44.1995, 0.3791,
0.2784

64.3223, 0.3425,
0.3016

36.8872, 0.4023,
0.2683

77.3448, 0.3286,
0.3132

31.2489, 0.4286,
0.2605

92.4695, 0.3172,
0.3242

27.1472, 0.4572,
0.2565

99.9950, 0.3127,
0.3290

■ 24.4226, 0.4865,
0.2573

■ 22.8798, 0.5147,
0.2637

■ 22.3829, 0.5294,
0.2690

Harmonies

Analogous

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



53.3052, 0.3076, 0.2620



53.3052, 0.3592, 0.2898



53.3052, 0.3996, 0.3270

Triad

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



53.3052, 0.3592, 0.2898



53.3052, 0.3607, 0.4206



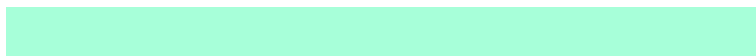
53.3052, 0.2206, 0.2784

Complementary

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



53.3052, 0.3592, 0.2898



84.7306, 0.2822, 0.3723

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.



53.3052, 0.2323, 0.3215



53.3052, 0.3592, 0.2898



53.3052, 0.3113, 0.4110

Square

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



53.3052, 0.3592, 0.2898



53.3052, 0.3990, 0.4021



53.3052, 0.2645, 0.3724



53.3052, 0.2308, 0.2536

Rectangle

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



53.3052, 0.3592, 0.2898



53.3052, 0.4127, 0.3539



53.3052, 0.2645, 0.3724



53.3052, 0.2221, 0.2910

Sweetspot

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



53.3077, 0.3592, 0.2898



83.8974, 0.3232, 0.3182



49.5937, 0.2864, 0.2350



17.5103, 0.3248, 0.3167



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.



53.3077, 0.3592, 0.2898



47.1836, 0.3718, 0.2823



53.8885, 0.3929, 0.3354



18.1173, 0.3226, 0.3188



11.7269, 0.5253, 0.2667



1.1632, 0.4964, 0.2508

Inverse Universe

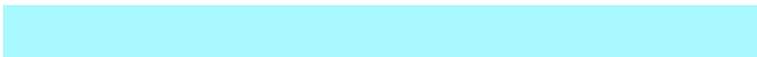
The Inverse Universe completely reimagines the original color for something new.



53.3077, 0.3592, 0.2898



47.1836, 0.3718, 0.2823



83.2556, 0.2629, 0.3224



18.1173, 0.3226, 0.3188



11.7269, 0.5253, 0.2667



1.1632, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 53.3052, 0.3592, 0.2898 looks on a white background.

Color Contrast Check

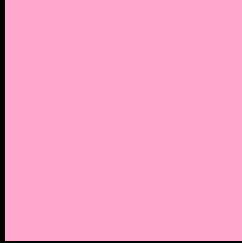
Large Text (above 18pt) WCAG AA × Fail

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 53.3052, 0.3592, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

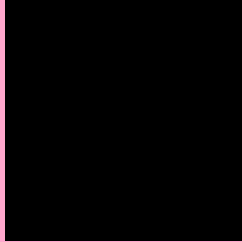
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3052, 0.3592, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 53.3052, 0.3592, 0.2898.



This preview shows how white text looks on a background with the Yxy color 53.3052, 0.3592, 0.2898.

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

53.3052, 0.3592, 0.2898

Protanopia

53.7385, 0.2896, 0.2943

Deuteranopia

53.7388, 0.3200, 0.3137



Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.3052, 0.3592, 0.2898



Protanomaly

52.9194, 0.3128, 0.2922



Deuteranomaly

53.0755, 0.3344, 0.3042



Tritanomaly

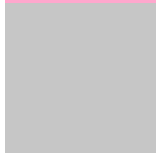
53.6261, 0.3697, 0.3061

Monochromacy



Original Color

53.3052, 0.3592, 0.2898



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.8178, 0.3284, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3052, 0.3592, 0.2898 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, 167, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.3052, 0.3592, 0.2898 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, 167, 205) }
```

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

```
.border{ border-color:rgb(255, 167, 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, 167, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3052, 0.3592, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 205) }
```

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

```
.background{ background-color: rgb(255,  
167, 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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