

Converting Colors

$Y_{xy}(53.5072, 0.3539, 0.2837)$

Have a look what the booklet for
Yxy(53.5072, 0.3539, 0.2837)
contains.

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Color

Yxy(53.6006, 0.3538, 0.2838)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7D3
RGB	255, 167, 211
RGB Percent	100%, 65%, 83%
CMY	0.0000, 0.3451, 0.1726
CMYK	0.00, 0.35, 0.17, 0.00
HSL	330°, 100%, 83%
HSV	330°, 35%, 100%
XYZ	66.8213, 53.6006, 68.4456
YIQ	198.3280, 38.3240, 32.3400

Conversions

Conversions Part 2

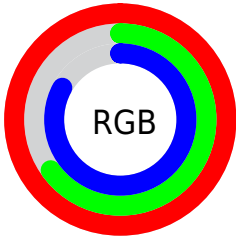
Format	Color
R _Y B	255, 167, 211
Decimal	16754643
CIE Lab	78.23, 38.44, -8.86
CIE LCh	78, 39.445, 347.013
Yxy	53.6006, 0.3538, 0.2838
Android (android.graphics.Color)	4294944723 (0xFFFFA7D3)
YUV	198.3280, 6.2473, 49.7013
Hunter-Lab	73.2124, 34.7960, -4.1809

Details

The Yxy color **53.6006, 0.3538, 0.2838** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.4386, 0.2852, 0.3795**, and the grayscale version is **56.6229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.3052, 0.3649, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **44.5449, 0.3711, 0.2707**, and if you desaturate by 10%, it is **64.5457, 0.3391, 0.2973**.

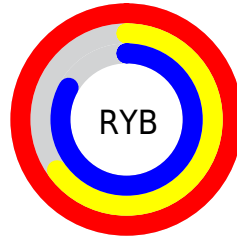
Distribution



Red (100%)

Green (65%)

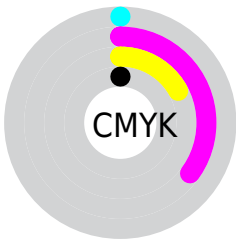
Blue (83%)



Red (100%)

Yellow (65%)

Blue (83%)

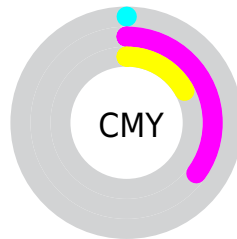


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6006, 0.3538, 0.2838 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 53.6006, 0.3538, 0.2838 by changing the saturation by 10% instead.


 53.6006, 0.3538,
0.2838


 53.6006, 0.3538,
0.2838

400.5851, 0.3341,
0.3051

 38.2824, 0.3585,
0.2789


 95.4876, 0.3468,
0.2913

 26.2020, 0.3643,
0.2727


 122.8252, 0.3442,
0.2941

 16.9748, 0.3718,
0.2649


154.9380, 0.3419,
0.2966

 10.2165, 0.3819,
0.2545

192.2105, 0.3399,
0.2987

 5.5428, 0.3961,
0.2402

235.0271, 0.3382,
0.3006

 2.5691, 0.4174,
0.2193

283.7721, 0.3367,

 0.9112, 0.4529,

0.3023

0.1861

338.8300, 0.3354,
0.3038

0.0000, 0.6493,
0.0000

0.0000, 0.0000,
0.0000

53.6006, 0.3538,
0.2838

53.6006, 0.3538,
0.2838

44.5449, 0.3711,
0.2707

64.5457, 0.3391,
0.2973

37.2734, 0.3910,
0.2589

77.4861, 0.3269,
0.3107

31.6633, 0.4135,
0.2496

92.5140, 0.3167,
0.3235

27.5777, 0.4378,
0.2440

100.0000, 0.3127,
0.3290

■ 24.8577, 0.4628,
0.2434

■ 23.3086, 0.4873,
0.2483

■ 22.8048, 0.5002,
0.2529

Harmonies

Analogous

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



53.6006, 0.3001, 0.2569



53.6006, 0.3538, 0.2838



53.6006, 0.3985, 0.3212

Triad

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



53.6006, 0.3538, 0.2838



53.6006, 0.3687, 0.4229



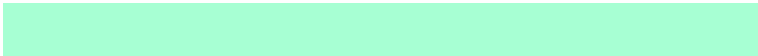
53.6006, 0.2179, 0.2815

Complementary

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



53.6006, 0.3538, 0.2838



84.4386, 0.2852, 0.3795

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.



53.6006, 0.2328, 0.3282



53.6006, 0.3538, 0.2838



53.6006, 0.3182, 0.4176

Square

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



53.6006, 0.3538, 0.2838



53.6006, 0.4059, 0.4002



53.6006, 0.2687, 0.3809



53.6006, 0.2253, 0.2533

Rectangle

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



53.6006, 0.3538, 0.2838



53.6006, 0.4148, 0.3488



53.6006, 0.2687, 0.3809



53.6006, 0.2204, 0.2954

Sweetspot

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



53.5990, 0.3538, 0.2838



84.0014, 0.3220, 0.3165



48.7049, 0.2819, 0.2338



17.5354, 0.3235, 0.3147



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.



53.5990, 0.3538, 0.2838



47.5149, 0.3647, 0.2752



51.6862, 0.3952, 0.3292



18.1386, 0.3215, 0.3172



11.9462, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Inverse Universe

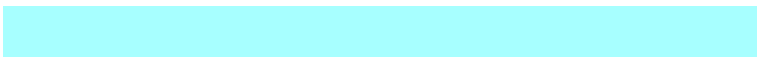
The Inverse Universe completely reimagines the original color for something new.



53.5990, 0.3538, 0.2838



47.5149, 0.3647, 0.2752



86.9551, 0.2638, 0.3289



18.1386, 0.3215, 0.3172



11.9462, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 53.6006, 0.3538, 0.2838 looks on a white background.

Color Contrast Check

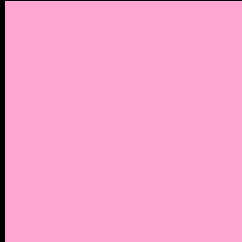
Large Text (above 18pt) WCAG AA × Fail

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 53.6006, 0.3538, 0.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

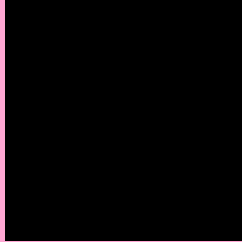
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6006, 0.3538, 0.2838

Background



This preview shows how black text looks on a background with the Yxy color 53.6006, 0.3538, 0.2838.



This preview shows how white text looks on a background with the Yxy color 53.6006, 0.3538, 0.2838.

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

53.6006, 0.3538, 0.2838

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

53.7368, 0.3138, 0.3067



Tritanopia

53.7033, 0.3738, 0.3154

Trichromacy



Original Color

53.6006, 0.3538, 0.2838



Protanomaly

53.0845, 0.3074, 0.2856



Deuteranomaly

53.0439, 0.3278, 0.2975



Tritanomaly

53.5271, 0.3669, 0.3039

Monochromacy



Original Color

53.6006, 0.3538, 0.2838



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9125, 0.3268, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6006, 0.3538, 0.2838 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.6006, 0.3538, 0.2838 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, 211) }
```

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

```
.border{ border-color:rgb(255, 167, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6006, 0.3538, 0.2838 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
167, 211) }
```

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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