

Converting Colors

Yxy(56.4326, 0.3721, 0.2904)

Have a look what the booklet for
Yxy(56.4326, 0.3721, 0.2904)
contains.

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Color

Yxy(53.3537, 0.3583, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7CE
RGB	255, 167, 206
RGB Percent	100%, 65%, 81%
CMY	0.0001, 0.3450, 0.1922
CMYK	0.00, 0.34, 0.19, 0.00
HSL	333°, 100%, 83%
HSV	333°, 34%, 100%
XYZ	66.1933, 53.3537, 65.1957
YIQ	197.7580, 39.9290, 30.7850

Conversions

Conversions Part 2

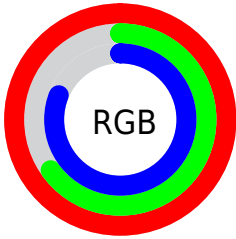
Format	Color
R _Y B	255, 167, 206
Decimal	16754638
CIE Lab	78.08, 37.66, -6.36
CIE LCh	78, 38.197, 350.418
Yxy	53.3537, 0.3583, 0.2888
Android (android.graphics.Color)	4294944718 (0xFFFFA7CE)
YUV	197.7580, 4.0633, 50.2012
Hunter-Lab	73.0436, 33.9333, -1.7893

Details

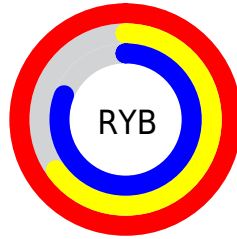
The Yxy color **53.3537, 0.3583, 0.2888** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6844, 0.2827, 0.3735**, and the grayscale version is **56.2757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.1719, 0.3700, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **44.2563, 0.3778, 0.2771**, and if you desaturate by 10%, it is **64.3602, 0.3419, 0.3009**.

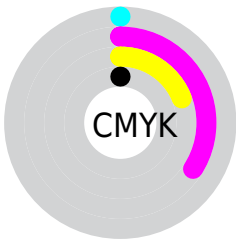
Distribution



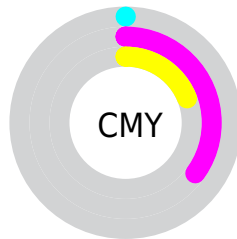
- Red (100%)
- Green (65%)
- Blue (81%)



- Red (100%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3537, 0.3583, 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 53.3537, 0.3583, 0.2888 by changing the saturation by 10% instead.


 53.3537, 0.3583,
0.2888


 53.3537, 0.3583,
0.2888

399.6407, 0.3363,
0.3079

 38.0852, 0.3636,
0.2843

 95.1246, 0.3505,
0.2955

 26.0488, 0.3702,
0.2787


 122.3959, 0.3475,
0.2981

 16.8602, 0.3787,
0.2716


154.4368, 0.3450,
0.3003

 10.1348, 0.3903,
0.2620

191.6318, 0.3428,
0.3022

 5.4885, 0.4067,
0.2487

234.3653, 0.3408,
0.3039

 2.5366, 0.4316,
0.2290

283.0217, 0.3392,

 0.8949, 0.4740,

0.3054

0.1970

337.9853, 0.3377,
0.3067

■ 0.0000, 0.7707,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3537, 0.3583,
0.2888

■ 53.3537, 0.3583,
0.2888

■ 44.2563, 0.3778,
0.2771

■ 64.3602, 0.3419,
0.3009

■ 36.9501, 0.4004,
0.2667

■ 77.3697, 0.3283,
0.3128

■ 31.3157, 0.4261,
0.2587

■ 92.4789, 0.3171,
0.3241

■ 27.2159, 0.4539,
0.2544

99.9966, 0.3127,
0.3290

■ 24.4914, 0.4826,
0.2550

■ 22.9467, 0.5102,
0.2612

■ 22.4483, 0.5246,
0.2664

Harmonies

Analogous

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



53.3537, 0.3063, 0.2612



53.3537, 0.3583, 0.2888



53.3537, 0.3994, 0.3261

Triad

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



53.3537, 0.3583, 0.2888



53.3537, 0.3620, 0.4210



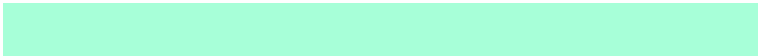
53.3537, 0.2202, 0.2789

Complementary

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



53.3537, 0.3583, 0.2888



84.6844, 0.2827, 0.3735

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.



53.3537, 0.2324, 0.3226



53.3537, 0.3583, 0.2888



53.3537, 0.3124, 0.4121

Square

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



53.3537, 0.3583, 0.2888



53.3537, 0.4002, 0.4018



53.3537, 0.2652, 0.3738



53.3537, 0.2299, 0.2536

Rectangle

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



53.3537, 0.3583, 0.2888



53.3537, 0.4131, 0.3531



53.3537, 0.2652, 0.3738



53.3537, 0.2218, 0.2917

Sweetspot

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



53.3562, 0.3583, 0.2888



83.9145, 0.3230, 0.3179



49.3700, 0.2853, 0.2347



17.5144, 0.3246, 0.3163



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.



53.3562, 0.3583, 0.2888



47.2374, 0.3706, 0.2811



53.3303, 0.3935, 0.3339



18.1208, 0.3224, 0.3185



11.7605, 0.5205, 0.2641



1.1666, 0.4922, 0.2485

Inverse Universe

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



53.3562, 0.3583, 0.2888



47.2374, 0.3706, 0.2811



84.1710, 0.2631, 0.3240



18.1208, 0.3224, 0.3185



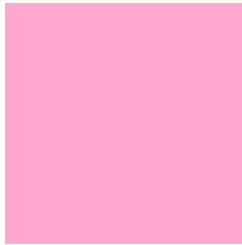
11.7605, 0.5205, 0.2641



1.1666, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 53.3537, 0.3583, 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 53.3537, 0.3583, 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 53.3537, 0.3583, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 53.3537, 0.3583, 0.2888.



This preview shows how white text looks on a background with the Yxy color 53.3537, 0.3583, 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

53.3537, 0.3583, 0.2888

Protanopia

53.6646, 0.2882, 0.2931

Deuteranopia

53.6406, 0.3184, 0.3125



Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.3537, 0.3583, 0.2888



Protanomaly

52.8219, 0.3112, 0.2911



Deuteranomaly

52.9619, 0.3327, 0.3030



Tritanomaly

53.6261, 0.3697, 0.3061

Monochromacy



Original Color

53.3537, 0.3583, 0.2888



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 53.3537, 0.3583, 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, 167, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.3537, 0.3583, 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, 167, 206) }
```

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

```
.border{ border-color:rgb(255, 167, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3537, 0.3583, 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, 167, 206) }
```

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

```
.background{ background-color: rgb(255,  
167, 206) }
```

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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