

Converting Colors

Yxy(53.4375, 0.3657, 0.2986)

Have a look what the booklet for
Yxy(53.4375, 0.3657, 0.2986)
contains.

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Color

Yxy(53.3425, 0.3655, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8C6
RGB	255, 168, 198
RGB Percent	100%, 66%, 78%
CMY	0.0000, 0.3412, 0.2235
CMYK	0.00, 0.34, 0.22, 0.00
HSL	339°, 100%, 83%
HSV	339°, 34%, 100%
XYZ	65.4471, 53.3425, 60.2722
YIQ	197.4330, 42.2220, 27.7740

Conversions

Conversions Part 2

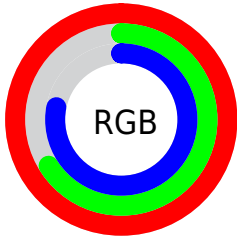
Format	Color
R_{YB}	255, 168, 198
Decimal	16754886
CIE _{Lab}	78.08, 36.02, -2.01
CIE _{LCh}	78, 36.077, 356.799
Yxy	53.3425, 0.3655, 0.2979
Android (android.graphics.Color)	4294944966 (0xFFFFA8C6)
YUV	197.4330, 0.2795, 50.4863
Hunter-Lab	73.0360, 32.1399, 2.1967

Details

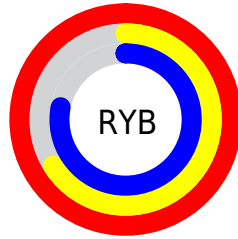
The Yxy color **53.3425, 0.3655, 0.2979** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2786, 0.2787, 0.3629**, and the grayscale version is **56.0827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.1454, 0.3800, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **44.0990, 0.3887, 0.2888**, and if you desaturate by 10%, it is **64.5058, 0.3462, 0.3074**.

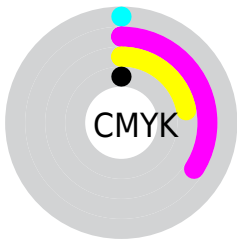
Distribution



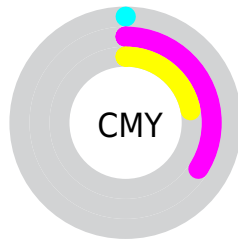
- Red (100%)
- Green (66%)
- Blue (78%)



- Red (100%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3425, 0.3655, 0.2979 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 53.3425, 0.3655, 0.2979 by changing the saturation by 10% instead.


 53.3425, 0.3655,
0.2979


 53.3425, 0.3655,
0.2979


399.5978, 0.3398,
0.3129

 38.0763, 0.3717,
0.2943


 95.1082, 0.3563,
0.3032

 26.0419, 0.3795,
0.2898


 122.3764, 0.3528,
0.3053

 16.8550, 0.3898,
0.2839


154.4140, 0.3499,
0.3070

 10.1311, 0.4037,
0.2760

191.6055, 0.3473,
0.3085

 5.4860, 0.4235,
0.2647

234.3352, 0.3451,
0.3098

 2.5351, 0.4543,
0.2475

282.9876, 0.3431,

 0.8942, 0.5074,

0.3110

0.2184

337.9470, 0.3414,
0.3120

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3425, 0.3655,
0.2979

53.3425, 0.3655,
0.2979

44.0990, 0.3887,
0.2888

64.5058, 0.3462,
0.3074

36.6809, 0.4160,
0.2807

77.7078, 0.3303,
0.3167

30.9599, 0.4472,
0.2749

93.0379, 0.3173,
0.3255

26.7984, 0.4811,
0.2726

100.0000, 0.3127,
0.3290

■ 24.0364, 0.5155,
0.2749

■ 22.4788, 0.5476,
0.2823

■ 21.9639, 0.5646,
0.2884

Harmonies

Analogous

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



53.3425, 0.3173, 0.2691



53.3425, 0.3655, 0.2979



53.3425, 0.4000, 0.3346

Triad

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



53.3425, 0.3655, 0.2979



53.3425, 0.3501, 0.4165



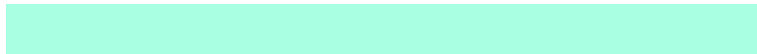
53.3425, 0.2251, 0.2751

Complementary

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



53.3425, 0.3655, 0.2979



85.2786, 0.2787, 0.3629

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.



53.3425, 0.2323, 0.3133



53.3425, 0.3655, 0.2979



53.3425, 0.3025, 0.4014

Square

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



53.3425, 0.3655, 0.2979



53.3425, 0.3894, 0.4037



53.3425, 0.2598, 0.3613



53.3425, 0.2387, 0.2549

Rectangle

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



53.3425, 0.3655, 0.2979



53.3425, 0.4089, 0.3603



53.3425, 0.2598, 0.3613



53.3425, 0.2252, 0.2860

Sweetspot

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



53.3369, 0.3655, 0.2979



83.7662, 0.3246, 0.3204



51.1542, 0.2925, 0.2376



17.4787, 0.3265, 0.3191



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.



53.3369, 0.3655, 0.2979



46.7837, 0.3810, 0.2915



57.1495, 0.3891, 0.3430



18.0905, 0.3240, 0.3208



11.5018, 0.5603, 0.2860



1.1395, 0.5286, 0.2686

Inverse Universe

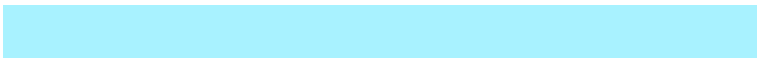
The Inverse Universe completely reimagines the original color for something new.



53.3369, 0.3655, 0.2979



46.7837, 0.3810, 0.2915



79.0163, 0.2623, 0.3144



18.0905, 0.3240, 0.3208



11.5018, 0.5603, 0.2860



1.1395, 0.5286, 0.2686

Previews

White Background



This preview shows how the Yxy color 53.3425, 0.3655, 0.2979 looks on a white background.

Color Contrast Check

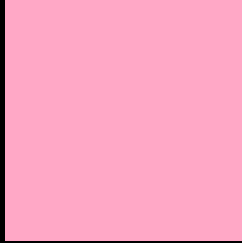
Large Text (above 18pt) WCAG AA × Fail

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 53.3425, 0.3655, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

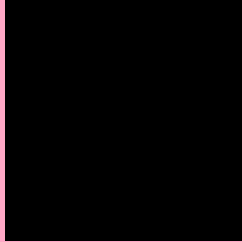
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3425, 0.3655, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 53.3425, 0.3655, 0.2979.



This preview shows how white text looks on a background with the Yxy color 53.3425, 0.3655, 0.2979.

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

53.3425, 0.3655, 0.2979

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.3297, 0.3265, 0.3196



Tritanopia

53.0510, 0.3772, 0.3154

Trichromacy



Original Color

53.3425, 0.3655, 0.2979



Protanomaly

52.7172, 0.3191, 0.3001



Deuteranomaly

52.9589, 0.3403, 0.3109



Tritanomaly

53.0776, 0.3736, 0.3092

Monochromacy



Original Color

53.3425, 0.3655, 0.2979



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.0545, 0.3309, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3425, 0.3655, 0.2979 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, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 198)  
}
```

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, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.3425, 0.3655, 0.2979 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, 168, 198) }
```

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

```
.border{ border-color:rgb(255, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3425, 0.3655, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 198) }
```

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

```
.background{ background-color: rgb(255,  
168, 198) }
```

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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