

Converting Colors

Yxy(61.9685, 0.3956, 0.3003)

Have a look what the booklet for
Yxy(61.9685, 0.3956, 0.3003)
contains.

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Color

Yxy(53.8530, 0.3625, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9C9
RGB	255, 169, 201
RGB Percent	100%, 66%, 79%
CMY	0.0000, 0.3373, 0.2118
CMYK	0.00, 0.34, 0.21, 0.00
HSL	338°, 100%, 83%
HSV	338°, 34%, 100%
XYZ	65.9740, 53.8530, 62.1703
YIQ	198.3620, 40.9840, 28.1840

Conversions

Conversions Part 2

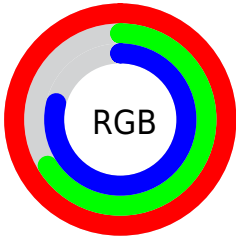
Format	Color
R_{YB}	255, 169, 201
Decimal	16755145
CIE _{Lab}	78.38, 35.91, -3.20
CIE _{LCh}	78, 36.055, 354.900
Yxy	53.8530, 0.3625, 0.2959
Android (android.graphics.Color)	4294945225 (0xFFFFA9C9)
YUV	198.3620, 1.3005, 49.6715
Hunter-Lab	73.3846, 32.0515, 1.1397

Details

The Yxy color **53.8530, 0.3625, 0.2959** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2831, 0.2802, 0.3652**, and the grayscale version is **56.6752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.4677, 0.3758, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **44.5571, 0.3845, 0.2860**, and if you desaturate by 10%, it is **65.0764, 0.3442, 0.3061**.

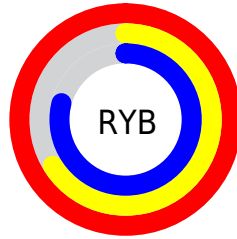
Distribution



Red (100%)

Green (66%)

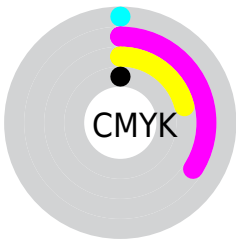
Blue (79%)



Red (100%)

Yellow (66%)

Blue (79%)

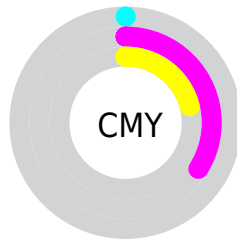


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8530, 0.3625, 0.2959 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 53.8530, 0.3625, 0.2959 by changing the saturation by 10% instead.


 53.8530, 0.3625,
0.2959

 53.8530, 0.3625,
0.2959


401.5492, 0.3384,
0.3118

 38.4842, 0.3683,
0.2921

 95.8584, 0.3539,
0.3015

 26.3587, 0.3756,
0.2874

 123.2637, 0.3506,
0.3037

 17.0922, 0.3852,
0.2813


155.4499, 0.3478,
0.3055

 10.3002, 0.3981,
0.2731

192.8015, 0.3454,
0.3071

 5.5985, 0.4165,
0.2615

235.7029, 0.3433,
0.3085

 2.6025, 0.4448,
0.2440

284.5383, 0.3415,

 0.9279, 0.4934,

0.3097

0.2149

339.6923, 0.3398,
0.3108

0.0000, 0.9614,
0.0000

0.0000, 0.0000,
0.0000

53.8530, 0.3625,
0.2959

53.8530, 0.3625,
0.2959

44.5571, 0.3845,
0.2860

65.0764, 0.3442,
0.3061

37.0800, 0.4103,
0.2773

78.3305, 0.3291,
0.3161

31.2994, 0.4398,
0.2707

93.7092, 0.3167,
0.3256

27.0786, 0.4720,
0.2676

100.0000, 0.3127,
0.3290

■ 24.2592, 0.5049,
0.2692

■ 22.6486, 0.5361,
0.2762

■ 22.0837, 0.5540,
0.2826

Harmonies

Analogous

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



53.8530, 0.3141, 0.2679



53.8530, 0.3625, 0.2959



53.8530, 0.3982, 0.3322

Triad

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



53.8530, 0.3625, 0.2959



53.8530, 0.3528, 0.4161



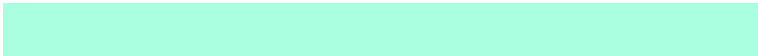
53.8530, 0.2252, 0.2772

Complementary

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



53.8530, 0.3625, 0.2959



85.2831, 0.2802, 0.3652

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.



53.8530, 0.2338, 0.3162



53.8530, 0.3625, 0.2959



53.8530, 0.3056, 0.4029

Square

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



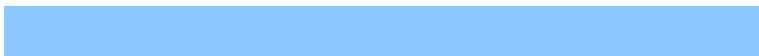
53.8530, 0.3625, 0.2959



53.8530, 0.3911, 0.4019



53.8530, 0.2623, 0.3642



53.8530, 0.2375, 0.2558

Rectangle

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



53.8530, 0.3625, 0.2959



53.8530, 0.4083, 0.3578



53.8530, 0.2623, 0.3642



53.8530, 0.2257, 0.2885

Sweetspot

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



53.8524, 0.3625, 0.2959



83.8069, 0.3242, 0.3197



51.1306, 0.2905, 0.2382



17.4885, 0.3260, 0.3184



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.



53.8524, 0.3625, 0.2959



47.8016, 0.3758, 0.2896



56.3780, 0.3889, 0.3398



18.0988, 0.3235, 0.3202



11.5656, 0.5497, 0.2802



1.1464, 0.5187, 0.2631

Inverse Universe

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



53.8524, 0.3625, 0.2959



47.8016, 0.3758, 0.2896



80.9396, 0.2633, 0.3178



18.0988, 0.3235, 0.3202



11.5656, 0.5497, 0.2802



1.1464, 0.5187, 0.2631

Previews

White Background



This preview shows how the Yxy color 53.8530, 0.3625, 0.2959 looks on a white background.

Color Contrast Check

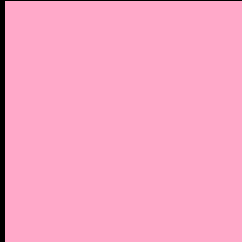
Large Text (above 18pt) WCAG AA × Fail

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 53.8530, 0.3625, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

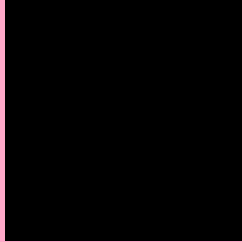
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8530, 0.3625, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 53.8530, 0.3625, 0.2959.



This preview shows how white text looks on a background with the Yxy color 53.8530, 0.3625, 0.2959.

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

53.8530, 0.3625, 0.2959

Protanopia

54.1742, 0.2946, 0.3014

Deuteranopia

53.8925, 0.3240, 0.3173



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.8530, 0.3625, 0.2959



Protanomaly

53.2803, 0.3167, 0.2979



Deuteranomaly

53.5022, 0.3377, 0.3087



Tritanomaly

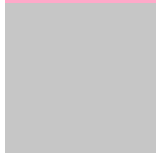
53.9582, 0.3703, 0.3082

Monochromacy



Original Color

53.8530, 0.3625, 0.2959



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.7242, 0.3300, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8530, 0.3625, 0.2959 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, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 201)  
}
```

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, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 201) }
```

Border

The CSS property to change the border of an element to Yxy 53.8530, 0.3625, 0.2959 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, 169, 201) }
```

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

```
.border{ border-color:rgb(255, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8530, 0.3625, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 201) }
```

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

```
.background{ background-color: rgb(255,  
169, 201) }
```

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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