

# Converting Colors

$Yxy(60.4446, 0.3784, 0.2897)$

Have a look what the booklet for  
Yxy(60.4446, 0.3784, 0.2897)  
contains.

<b>Yxy(54.3391, 0.3534, 0.2858)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(54.3391, 0.3534, 0.2858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA9D3
RGB	255, 169, 211
RGB Percent	100%, 66%, 83%
CMY	0.0000, 0.3373, 0.1724
CMYK	0.00, 0.34, 0.17, 0.00
HSL	331°, 100%, 83%
HSV	331°, 34%, 100%
XYZ	67.1919, 54.3391, 68.5988
YIQ	199.5020, 37.7740, 31.2940

# Conversions

## Conversions Part 2

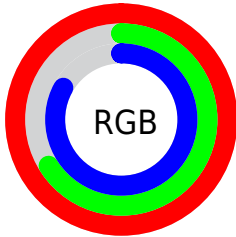
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 169, 211
Decimal	16755155
CIE Lab	78.66, 37.40, -8.25
CIE LCh	79, 38.299, 347.561
Yxy	54.3391, 0.3534, 0.2858
Android (android.graphics.Color)	4294945235 (0xFFFFA9D3)
YUV	199.5020, 5.6685, 48.6717
Hunter-Lab	73.7151, 33.7028, -3.5744

# Details

The Yxy color  $54.3391, 0.3534, 0.2858$  is a light color, and the websafe version is hex  $\text{FF99CC}$ . A complement of this color would be  $84.7567, 0.2853, 0.3771$ , and the grayscale version is  $57.3846, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $82.3304, 0.3141, 0.2999$ , and  $26.7614, 0.3644, 0.2765$  is the 20% darker color. If you saturate the color by 10%, you get  $45.1318, 0.3709, 0.2729$ , and if you desaturate by 10%, it is  $65.4509, 0.3386, 0.2991$ .

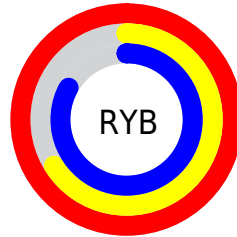
# Distribution



Red (100%)

Green (66%)

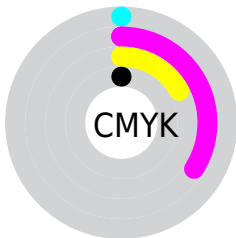
Blue (83%)



Red (100%)

Yellow (66%)

Blue (83%)

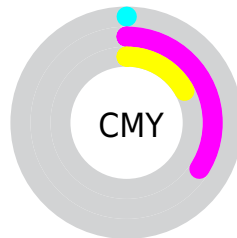


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3391, 0.3534, 0.2858 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 54.3391, 0.3534, 0.2858 by changing the saturation by 10% instead.





 54.3391, 0.3534,  
0.2858


 54.3391, 0.3534,  
0.2858


403.4018, 0.3339,  
0.3061

 38.8728, 0.3580,  
0.2811


 96.5720, 0.3465,  
0.2929

 26.6608, 0.3638,  
0.2752


 124.1073, 0.3439,  
0.2957

 17.3186, 0.3712,  
0.2677


156.4345, 0.3416,  
0.2980

 10.4619, 0.3812,  
0.2578

193.9380, 0.3397,  
0.3001

 5.7063, 0.3952,  
0.2441

237.0020, 0.3380,  
0.3019

 2.6673, 0.4163,  
0.2241

286.0111, 0.3365,

 0.9606, 0.4514,

0.3035

0.1922

341.3495, 0.3351,  
0.3049

0.0000, 0.6503,  
0.0000

0.0000, 0.0000,  
0.0000

54.3391, 0.3534,  
0.2858

54.3391, 0.3534,  
0.2858

45.1318, 0.3709,  
0.2729

65.4509, 0.3386,  
0.2991

37.7175, 0.3911,  
0.2612

78.5655, 0.3263,  
0.3121

31.9766, 0.4140,  
0.2519

93.7770, 0.3160,  
0.3245

27.7736, 0.4389,  
0.2463

100.0000, 0.3127,  
0.3290

■ 24.9515, 0.4646,  
0.2455

■ 23.3192, 0.4898,  
0.2502

■ 22.7317, 0.5050,  
0.2555

# Harmonies

## Analogous

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



54.3391, 0.3015, 0.2594



54.3391, 0.3534, 0.2858



54.3391, 0.3962, 0.3223

# Triad

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



54.3391, 0.3534, 0.2858



54.3391, 0.3662, 0.4199



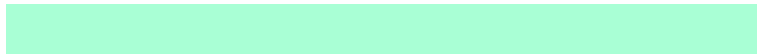
54.3391, 0.2207, 0.2825

# Complementary

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



54.3391, 0.3534, 0.2858



84.7567, 0.2853, 0.3771

# 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.



54.3391, 0.2349, 0.3274



54.3391, 0.3534, 0.2858



54.3391, 0.3173, 0.4140

# Square

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



54.3391, 0.3534, 0.2858



54.3391, 0.4024, 0.3987



54.3391, 0.2694, 0.3782



54.3391, 0.2283, 0.2554



# Rectangle

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



54.3391, 0.3534, 0.2858



54.3391, 0.4116, 0.3492



54.3391, 0.2694, 0.3782



54.3391, 0.2230, 0.2959

# Sweetspot

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



54.3398, 0.3534, 0.2858



83.9844, 0.3222, 0.3168



49.5916, 0.2828, 0.2361



17.5313, 0.3237, 0.3150



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.



54.3398, 0.3534, 0.2858



48.3476, 0.3640, 0.2776



52.4993, 0.3925, 0.3292



18.1351, 0.3217, 0.3174



11.9078, 0.5012, 0.2535



1.1814, 0.4751, 0.2391



# Inverse Universe

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



54.3398, 0.3534, 0.2858



48.3476, 0.3640, 0.2776



87.1747, 0.2647, 0.3289



18.1351, 0.3217, 0.3174



11.9078, 0.5012, 0.2535



1.1814, 0.4751, 0.2391



# Previews

## White Background



This preview shows how the Yxy color 54.3391, 0.3534, 0.2858 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

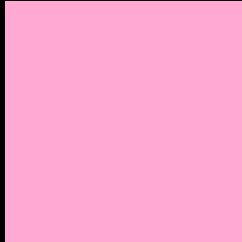
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.3391, 0.3534, 0.2858 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 54.3391, 0.3534, 0.2858**

## Background



This preview shows how black text looks on a background with the Yxy color 54.3391, 0.3534, 0.2858.



This preview shows how white text looks on a background with the Yxy color 54.3391, 0.3534, 0.2858.

# 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

54.3391, 0.3534, 0.2858

### Protanopia

54.5048, 0.2856, 0.2887

### Deuteranopia

54.3101, 0.3145, 0.3079



## Tritanopia

54.1704, 0.3717, 0.3144

# Trichromacy



## Original Color

54.3391, 0.3534, 0.2858



## Protanomaly

53.6476, 0.3082, 0.2869



## Deuteranomaly

54.0175, 0.3284, 0.2998



## Tritanomaly

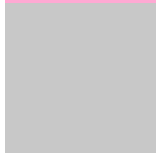
54.3732, 0.3646, 0.3040

# Monochromacy



## Original Color

54.3391, 0.3534, 0.2858



## Achromatopsia

57.7580, 0.3127, 0.3290



## Achromatomaly

55.9705, 0.3267, 0.3119

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3391, 0.3534, 0.2858 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3391, 0.3534, 0.2858 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, 211) }
```

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

```
.border{ border-color:rgb(255, 169, 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, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3391, 0.3534, 0.2858 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, 211) }
```

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

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