

Converting Colors

$Y_{xy}(54.0995, 0.3768, 0.3153)$

Have a look what the booklet for
Yxy(54.0995, 0.3768, 0.3153)
contains.

Yxy(54.2678, 0.3765, 0.3156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2678, 0.3765, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFACB9
RGB	255, 172, 185
RGB Percent	100%, 67%, 73%
CMY	0.0001, 0.3254, 0.2746
CMYK	0.00, 0.33, 0.27, 0.00
HSL	351°, 100%, 84%
HSV	351°, 33%, 100%
XYZ	64.7396, 54.2678, 52.9438
YIQ	198.2990, 45.2950, 21.6390

Conversions

Conversions Part 2

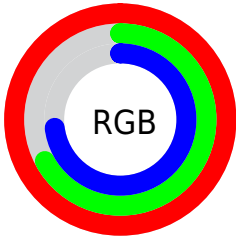
Format	Color
R _Y B	255, 172, 185
Decimal	16755897
CIE Lab	78.62, 32.09, 5.86
CIE LCh	79, 32.624, 10.353
Yxy	54.2678, 0.3765, 0.3156
Android (android.graphics.Color)	4294945977 (0xFFFFACB9)
YUV	198.2990, -6.5564, 49.7268
Hunter-Lab	73.6667, 27.9524, 8.9553

Details

The Yxy color **54.2678, 0.3765, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.6893, 0.2723, 0.3432**, and the grayscale version is **56.6839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0977, 0.3230, 0.3163**, and **26.7299, 0.3941, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **44.6358, 0.4065, 0.3115**, and if you desaturate by 10%, it is **65.9043, 0.3520, 0.3199**.

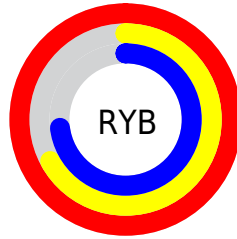
Distribution



Red (100%)

Green (67%)

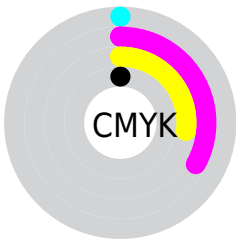
Blue (73%)



Red (100%)

Yellow (67%)

Blue (73%)

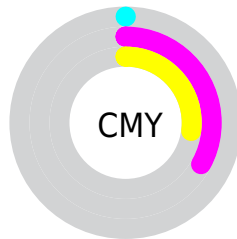


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2678, 0.3765, 0.3156 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 54.2678, 0.3765, 0.3156 by changing the saturation by 10% instead.


 54.2678, 0.3765,
0.3156

 54.2678, 0.3765,
0.3156

403.1304, 0.3452,
0.3226

 38.8158, 0.3841,
0.3138


 96.4673, 0.3653,
0.3182

 26.6165, 0.3938,
0.3114


123.9837, 0.3610,
0.3192

 17.2854, 0.4064,
0.3082


156.2902, 0.3574,
0.3200

 10.4382, 0.4236,
0.3037

193.7714, 0.3543,
0.3206

 5.6904, 0.4483,
0.2969

236.8116, 0.3516,
0.3212

 2.6578, 0.4867,
0.2854

285.7953, 0.3492,

 0.9558, 0.5588,

0.3217

0.2661

341.1067, 0.3471,
0.3222

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2678, 0.3765,
0.3156

54.2678, 0.3765,
0.3156

44.6358, 0.4065,
0.3115

65.9043, 0.3520,
0.3199

36.8877, 0.4422,
0.3081

79.6417, 0.3322,
0.3241

30.9016, 0.4831,
0.3060

95.5794, 0.3162,
0.3280

26.5385, 0.5267,
0.3061

99.9951, 0.3127,
0.3290

■ 23.6378, 0.5687,
0.3090

■ 22.0063, 0.6031,
0.3147

■ 21.4069, 0.6216,
0.3198

Harmonies

Analogous

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



54.2678, 0.3372, 0.2853



54.2678, 0.3765, 0.3156



54.2678, 0.3978, 0.3505

Triad

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



54.2678, 0.3765, 0.3156



54.2678, 0.3276, 0.4043



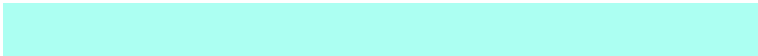
54.2678, 0.2365, 0.2701

Complementary

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



54.2678, 0.3765, 0.3156



86.6893, 0.2723, 0.3432

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.



54.2678, 0.2345, 0.2980



54.2678, 0.3765, 0.3156



54.2678, 0.2852, 0.3795

Square

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



54.2678, 0.3765, 0.3156



54.2678, 0.3678, 0.4041



54.2678, 0.2516, 0.3385



54.2678, 0.2571, 0.2592

Rectangle

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



54.2678, 0.3765, 0.3156



54.2678, 0.3982, 0.3729



54.2678, 0.2516, 0.3385



54.2678, 0.2337, 0.2775

Sweetspot

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



54.2704, 0.3765, 0.3156



83.4864, 0.3278, 0.3251



55.4591, 0.3056, 0.2451



17.4114, 0.3302, 0.3245



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.



54.2704, 0.3765, 0.3156



47.8292, 0.3952, 0.3129



65.3920, 0.3792, 0.3580



18.0333, 0.3270, 0.3253



11.2018, 0.6185, 0.3181



1.1034, 0.5912, 0.3030

Inverse Universe

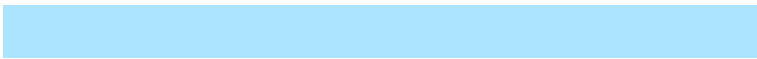
The Inverse Universe completely reimagines the original color for something new.



54.2704, 0.3765, 0.3156



47.8292, 0.3952, 0.3129



71.1071, 0.2623, 0.2978



18.0333, 0.3270, 0.3253



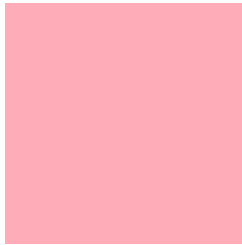
11.2018, 0.6185, 0.3181



1.1034, 0.5912, 0.3030

Previews

White Background



This preview shows how the Yxy color 54.2678, 0.3765, 0.3156 looks on a white background.

Color Contrast Check

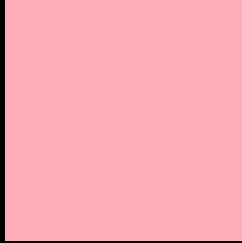
Large Text (above 18pt) WCAG AA × Fail

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 54.2678, 0.3765, 0.3156 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 54.2678, 0.3765, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 54.2678, 0.3765, 0.3156.

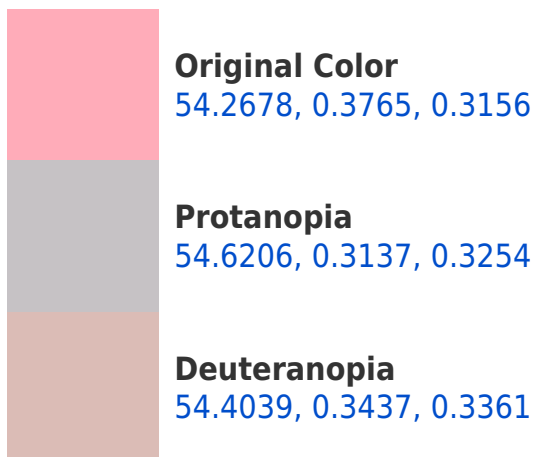


This preview shows how white text looks on a background with the Yxy color 54.2678, 0.3765, 0.3156.

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





Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.2678, 0.3765, 0.3156



Protanomaly

54.0281, 0.3350, 0.3210



Deuteranomaly

54.0306, 0.3555, 0.3280



Tritanomaly

54.2678, 0.3765, 0.3156

Monochromacy



Original Color

54.2678, 0.3765, 0.3156



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.3055, 0.3346, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2678, 0.3765, 0.3156 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, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 185)  
}
```

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, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 54.2678, 0.3765, 0.3156 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, 172, 185) }
```

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

```
.border{ border-color:rgb(255, 172, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2678, 0.3765, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 185) }
```

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

```
.background{ background-color: rgb(255,  
172, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor