

Converting Colors

Yxy(54.0494, 0.3901, 0.3324)

Have a look what the booklet for
Yxy(54.0494, 0.3901, 0.3324)
contains.

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Color

Yxy(54.0494, 0.3901, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFADAA
RGB	255, 173, 170
RGB Percent	100%, 68%, 67%
CMY	0.0001, 0.3215, 0.3333
CMYK	0.00, 0.32, 0.33, 0.00
HSL	2°, 100%, 83%
HSV	2°, 33%, 100%
XYZ	63.4316, 54.0494, 45.1225
YIQ	197.1760, 49.8350, 16.4510

Conversions

Conversions Part 2

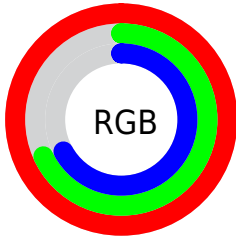
Format	Color
R _Y B	255, 173, 170
Decimal	16756138
CIE Lab	78.49, 29.66, 13.80
CIE LCh	78, 32.713, 24.960
Yxy	54.0494, 0.3901, 0.3324
Android (android.graphics.Color)	4294946218 (0xFFFFADAA)
YUV	197.1760, -13.3978, 50.7116
Hunter-Lab	73.5183, 25.3529, 15.0731

Details

The Yxy color **54.0494, 0.3901, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3588, 0.2648, 0.3256**, and the grayscale version is **56.0082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7349, 0.3335, 0.3330**, and **26.4767, 0.4107, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **44.5980, 0.4259, 0.3334**, and if you desaturate by 10%, it is **65.4290, 0.3608, 0.3313**.

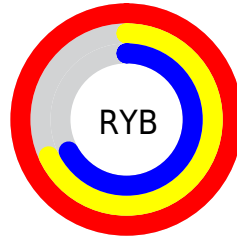
Distribution



Red (100%)

Green (68%)

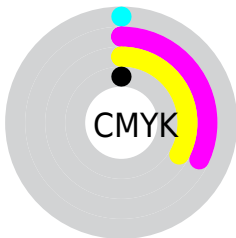
Blue (67%)



Red (100%)

Yellow (68%)

Blue (67%)

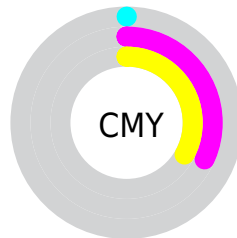


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0494, 0.3901, 0.3324 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 54.0494, 0.3901, 0.3324 by changing the saturation by 10% instead.


 54.0494, 0.3901,
0.3324

 54.0494, 0.3901,
0.3324


402.2984, 0.3520,
0.3318

 38.6412, 0.3994,
0.3322


 96.1468, 0.3764,
0.3324

 26.4807, 0.4112,
0.3319


123.6047, 0.3712,
0.3323

 17.1836, 0.4266,
0.3311


155.8480, 0.3668,
0.3323

 10.3655, 0.4476,
0.3296


193.2610, 0.3630,
0.3322

 5.6419, 0.4776,
0.3264

236.2281, 0.3597,
0.3321

 2.6286, 0.5235,
0.3192

285.1338, 0.3568,

 0.9411, 0.6529,

0.3320

0.3268

340.3624, 0.3543,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0494, 0.3901,
0.3324

54.0494, 0.3901,
0.3324

44.5980, 0.4259,
0.3334

65.4290, 0.3608,
0.3313

36.9606, 0.4680,
0.3343

78.8270, 0.3371,
0.3303

31.0236, 0.5148,
0.3347

94.3374, 0.3181,
0.3293

26.6568, 0.5618,
0.3345

99.9944, 0.3127,
0.3290

■ 23.7114, 0.6022,
0.3336

■ 22.0102, 0.6290,
0.3321

■ 21.4507, 0.6384,
0.3313

Harmonies

Analogous

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



54.0494, 0.3580, 0.2990



54.0494, 0.3901, 0.3324



54.0494, 0.3995, 0.3672

Triad

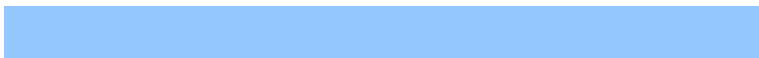
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.0494, 0.3901, 0.3324



54.0494, 0.3065, 0.3954



54.0494, 0.2441, 0.2623

Complementary

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



54.0494, 0.3901, 0.3324



85.3588, 0.2648, 0.3256

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.



54.0494, 0.2328, 0.2822



54.0494, 0.3901, 0.3324



54.0494, 0.2670, 0.3607

Square

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



54.0494, 0.3901, 0.3324



54.0494, 0.3494, 0.4077



54.0494, 0.2407, 0.3177



54.0494, 0.2729, 0.2598

Rectangle

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



54.0494, 0.3901, 0.3324



54.0494, 0.3917, 0.3874



54.0494, 0.2407, 0.3177



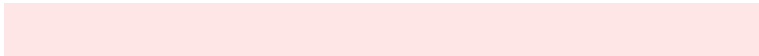
54.0494, 0.2382, 0.2670

Sweetspot

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



54.0520, 0.3901, 0.3324



83.7641, 0.3303, 0.3299



57.0436, 0.3188, 0.2484



17.4777, 0.3331, 0.3301



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.



54.0520, 0.3901, 0.3324



47.5447, 0.4132, 0.3331



72.9215, 0.3755, 0.3758



18.0902, 0.3294, 0.3299



11.2561, 0.6376, 0.3319



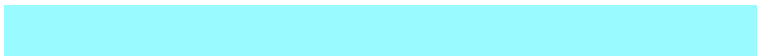
1.1307, 0.6318, 0.3365

Inverse Universe

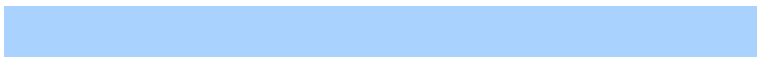
The Inverse Universe completely reimagines the original color for something new.



85.3588, 0.2648, 0.3256



83.2258, 0.2568, 0.3248



61.6888, 0.2585, 0.2770



20.3644, 0.2980, 0.3281



38.2478, 0.2216, 0.3179



3.7573, 0.2220, 0.3192

Previews

White Background



This preview shows how the Yxy color 54.0494, 0.3901, 0.3324 looks on a white background.

Color Contrast Check

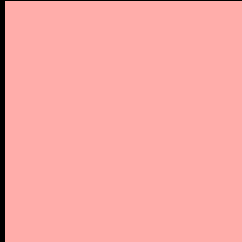
Large Text (above 18pt) WCAG AA × Fail

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 54.0494, 0.3901, 0.3324 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 54.0494, 0.3901, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 54.0494, 0.3901, 0.3324.



This preview shows how white text looks on a background with the Yxy color 54.0494, 0.3901, 0.3324.

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

54.0494, 0.3901, 0.3324

Protanopia

54.3373, 0.3283, 0.3449

Deuteranopia

54.0186, 0.3600, 0.3524



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.0494, 0.3901, 0.3324



Protanomaly

53.6643, 0.3501, 0.3396



Deuteranomaly

53.9452, 0.3712, 0.3449



Tritanomaly

54.0197, 0.3821, 0.3218

Monochromacy



Original Color

54.0494, 0.3901, 0.3324



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4597, 0.3388, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0494, 0.3901, 0.3324 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, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 170)  
}
```

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, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 170) }
```

Border

The CSS property to change the border of an element to Yxy 54.0494, 0.3901, 0.3324 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, 173, 170) }
```

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

```
.border{ border-color:rgb(255, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0494, 0.3901, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 170) }
```

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

```
.background{ background-color: rgb(255,  
173, 170) }
```

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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