

Converting Colors

Yxy(54.3334, 0.3868, 0.3292)

Have a look what the booklet for
Yxy(54.3334, 0.3868, 0.3292)
contains.

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Color

Yxy(54.1643, 0.3873, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFADAD
RGB	255, 173, 173
RGB Percent	100%, 68%, 68%
CMY	0.0001, 0.3215, 0.3215
CMYK	0.00, 0.32, 0.32, 0.00
HSL	360°, 100%, 84%
HSV	360°, 32%, 100%
XYZ	63.7237, 54.1643, 46.6451
YIQ	197.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

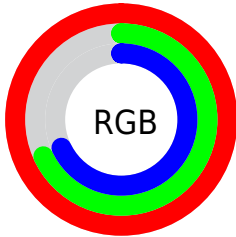
Format	Color
R _{YB}	255, 173, 173
Decimal	16756141
CIE Lab	78.56, 30.04, 12.26
CIE LCh	79, 32.444, 22.204
Yxy	54.1643, 0.3873, 0.3292
Android (android.graphics.Color)	4294946221 (0xFFFFADAD)
YUV	197.5180, -12.0874, 50.4117
Hunter-Lab	73.5964, 25.7611, 13.9397

Details

The Yxy color **54.1643, 0.3873, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.6123, 0.2667, 0.3289**, and the grayscale version is **56.2192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9001, 0.3315, 0.3300**, and **26.5492, 0.4068, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **44.4079, 0.4231, 0.3293**, and if you desaturate by 10%, it is **65.9801, 0.3581, 0.3291**.

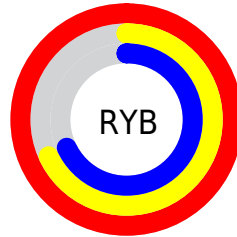
Distribution



Red (100%)

Green (68%)

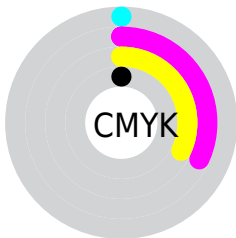
Blue (68%)



Red (100%)

Yellow (68%)

Blue (68%)

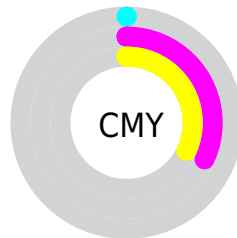


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1643, 0.3873, 0.3292 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 54.1643, 0.3873, 0.3292 by changing the saturation by 10% instead.


 54.1643, 0.3873,
0.3292

 54.1643, 0.3873,
0.3292


402.7362, 0.3506,
0.3300

 38.7330, 0.3963,
0.3287

 96.3154, 0.3741,
0.3297

 26.5521, 0.4076,
0.3280


123.8041, 0.3691,
0.3298

 17.2371, 0.4225,
0.3268


156.0807, 0.3649,
0.3299

 10.4037, 0.4427,
0.3247

193.5296, 0.3612,
0.3300

 5.6674, 0.4717,
0.3209

236.5352, 0.3580,
0.3300

 2.6439, 0.5162,
0.3130

285.4819, 0.3552,

 0.9488, 0.6295,

0.3300

0.3130

340.7541, 0.3528,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1643, 0.3873,
0.3292

54.1643, 0.3873,
0.3292

44.4079, 0.4231,
0.3293

65.9801, 0.3581,
0.3291

36.5859, 0.4656,
0.3294

79.9555, 0.3348,
0.3291

30.5719, 0.5131,
0.3296

96.1934, 0.3162,
0.3290

26.2213, 0.5611,
0.3297

99.9967, 0.3127,
0.3290

■ 23.3673, 0.6024,
0.3298

■ 21.8085, 0.6295,
0.3299

■ 21.2568, 0.6401,
0.3300

Harmonies

Analogous

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



54.1643, 0.3539, 0.2965



54.1643, 0.3873, 0.3292



54.1643, 0.3990, 0.3639

Triad

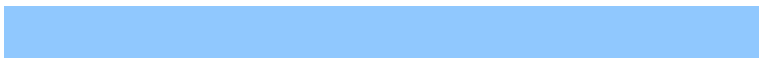
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1643, 0.3873, 0.3292



54.1643, 0.3105, 0.3970



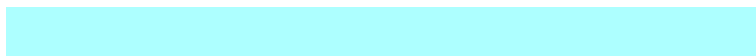
54.1643, 0.2429, 0.2640

Complementary

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



54.1643, 0.3873, 0.3292



87.6123, 0.2667, 0.3289

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.



54.1643, 0.2334, 0.2853



54.1643, 0.3873, 0.3292



54.1643, 0.2705, 0.3642

Square

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



54.1643, 0.3873, 0.3292



54.1643, 0.3528, 0.4068



54.1643, 0.2430, 0.3217



54.1643, 0.2700, 0.2599

Rectangle

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



54.1643, 0.3873, 0.3292



54.1643, 0.3927, 0.3844



54.1643, 0.2430, 0.3217



54.1643, 0.2376, 0.2692

Sweetspot

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



54.1669, 0.3873, 0.3292



83.2611, 0.3304, 0.3290



58.1094, 0.3154, 0.2486



17.3574, 0.3333, 0.3291



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.



54.1669, 0.3873, 0.3292



47.2719, 0.4111, 0.3293



71.6775, 0.3742, 0.3700



17.9872, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

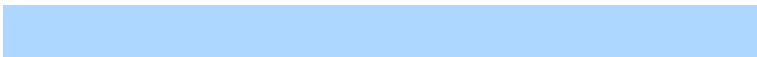
The Inverse Universe completely reimagines the original color for something new.



54.1669, 0.3873, 0.3292



47.2719, 0.4111, 0.3293



64.8909, 0.2611, 0.2839



17.9872, 0.3295, 0.3290



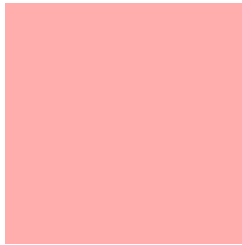
11.1089, 0.6401, 0.3300



1.0817, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 54.1643, 0.3873, 0.3292 looks on a white background.

Color Contrast Check

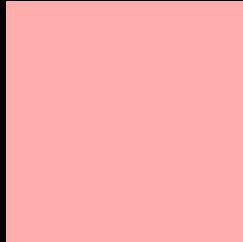
Large Text (above 18pt) WCAG AA × Fail

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 54.1643, 0.3873, 0.3292 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 54.1643, 0.3873, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 54.1643, 0.3873, 0.3292.



This preview shows how white text looks on a background with the Yxy color 54.1643, 0.3873, 0.3292.

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

54.1643, 0.3873, 0.3292

Protanopia

54.4618, 0.3260, 0.3412

Deuteranopia

54.3983, 0.3563, 0.3501



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.1643, 0.3873, 0.3292



Protanomaly

53.7853, 0.3475, 0.3361



Deuteranomaly

54.2997, 0.3674, 0.3427



Tritanomaly

54.0603, 0.3811, 0.3208

Monochromacy



Original Color

54.1643, 0.3873, 0.3292



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1294, 0.3378, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1643, 0.3873, 0.3292 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, 173)` looks like.

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

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, 173) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 54.1643, 0.3873, 0.3292 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, 173) }
```

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

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

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, 173)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 54.1643, 0.3873, 0.3292 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, 173) }
```

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

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

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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