

Converting Colors

$Yxy(94.9163, 0.4929, 0.3289)$

Have a look what the booklet for
Yxy(94.9163, 0.4929, 0.3289)
contains.

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Color

Yxy(54.6272, 0.3852, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEAF
RGB	255, 174, 175
RGB Percent	100%, 68%, 69%
CMY	0.0000, 0.3176, 0.3139
CMYK	0.00, 0.32, 0.31, 0.00
HSL	359°, 100%, 84%
HSV	359°, 32%, 100%
XYZ	64.1146, 54.6272, 47.7031
YIQ	198.3330, 47.9550, 17.4830

Conversions

Conversions Part 2

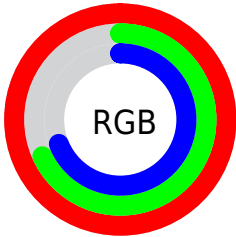
Format	Color
R_{YB}	255, 174, 175
Decimal	16756399
CIE _{Lab}	78.83, 29.77, 11.59
CIE _{LCh}	79, 31.951, 21.274
Y _{xy}	54.6272, 0.3852, 0.3282
Android (android.graphics.Color)	4294946479 (0xFFFFAEAF)
YUV	198.3330, -11.5032, 49.6970
Hunter-Lab	73.9102, 25.4997, 13.4702

Details

The Yxy color **54.6272, 0.3852, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.6774, 0.2676, 0.3299**, and the grayscale version is **56.7325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5668, 0.3300, 0.3291**, and **26.8406, 0.4037, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **44.7927, 0.4203, 0.3280**, and if you desaturate by 10%, it is **66.5167, 0.3566, 0.3285**.

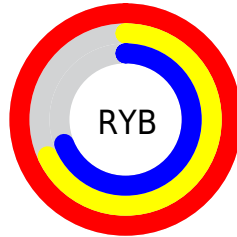
Distribution



Red (100%)

Green (68%)

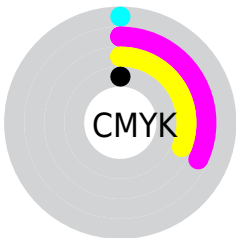
Blue (69%)



Red (100%)

Yellow (68%)

Blue (69%)

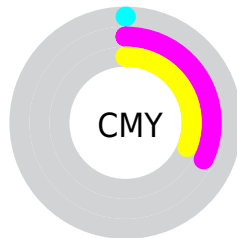


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6272, 0.3852, 0.3282 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 54.6272, 0.3852, 0.3282 by changing the saturation by 10% instead.

 54.6272, 0.3852,
0.3282

 54.6272, 0.3852,
0.3282


404.4972, 0.3496,
0.3295

 39.1033, 0.3939,
0.3277


 96.9945, 0.3724,
0.3288

 26.8401, 0.4049,
0.3268


124.6068, 0.3676,
0.3290

 17.4532, 0.4192,
0.3255


157.0173, 0.3634,
0.3292

 10.5581, 0.4388,
0.3234

194.6104, 0.3599,
0.3293

 5.7706, 0.4668,
0.3195

237.7706, 0.3568,
0.3293

 2.7061, 0.5099,
0.3117

286.8822, 0.3541,

 0.9803, 0.6120,

0.3294

0.3083

342.3296, 0.3517,
0.3294

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6272, 0.3852,
0.3282

54.6272, 0.3852,
0.3282

44.7927, 0.4203,
0.3280

66.5167, 0.3566,
0.3285

36.8965, 0.4621,
0.3279

80.5683, 0.3338,
0.3287

30.8107, 0.5090,
0.3279

96.8818, 0.3155,
0.3290

26.3920, 0.5570,
0.3281

100.0000, 0.3127,
0.3290

■ 23.4751, 0.5989,
0.3286

■ 21.8615, 0.6275,
0.3292

■ 21.2666, 0.6392,
0.3295

Harmonies

Analogous

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



54.6272, 0.3519, 0.2961



54.6272, 0.3852, 0.3282



54.6272, 0.3974, 0.3624

Triad

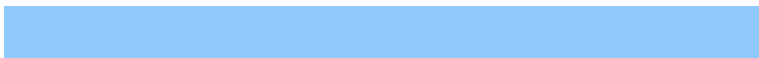
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.6272, 0.3852, 0.3282



54.6272, 0.3119, 0.3963



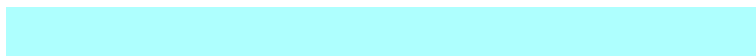
54.6272, 0.2435, 0.2655

Complementary

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



54.6272, 0.3852, 0.3282



87.6774, 0.2676, 0.3299

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.



54.6272, 0.2347, 0.2870



54.6272, 0.3852, 0.3282



54.6272, 0.2724, 0.3648

Square

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



54.6272, 0.3852, 0.3282



54.6272, 0.3533, 0.4053



54.6272, 0.2448, 0.3231



54.6272, 0.2697, 0.2609

Rectangle

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



54.6272, 0.3852, 0.3282



54.6272, 0.3918, 0.3827



54.6272, 0.2448, 0.3231



54.6272, 0.2385, 0.2708

Sweetspot

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



54.6273, 0.3852, 0.3282



83.2778, 0.3302, 0.3288



58.4984, 0.3154, 0.2495



17.3614, 0.3330, 0.3287



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.



54.6273, 0.3852, 0.3282



48.2597, 0.4063, 0.3281



71.9811, 0.3733, 0.3695



17.9906, 0.3293, 0.3288



11.1138, 0.6389, 0.3293



1.0833, 0.6360, 0.3277

Inverse Universe

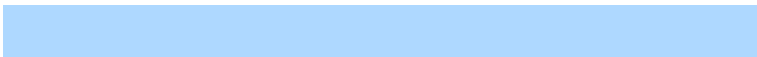
The Inverse Universe completely reimagines the original color for something new.



54.6273, 0.3852, 0.3282



48.2597, 0.4063, 0.3281



65.2549, 0.2618, 0.2846



17.9906, 0.3293, 0.3288



11.1138, 0.6389, 0.3293



1.0833, 0.6360, 0.3277

Previews

White Background



This preview shows how the Yxy color 54.6272, 0.3852, 0.3282 looks on a white background.

Color Contrast Check

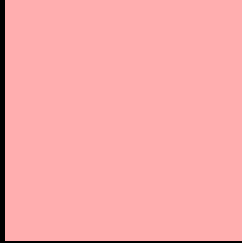
Large Text (above 18pt) WCAG AA × Fail

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 54.6272, 0.3852, 0.3282 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 54.6272, 0.3852, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 54.6272, 0.3852, 0.3282.



This preview shows how white text looks on a background with the Yxy color 54.6272, 0.3852, 0.3282.

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

54.6272, 0.3852, 0.3282

Protanopia

54.9929, 0.3243, 0.3400

Deuteranopia

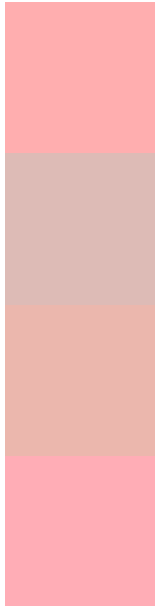
54.6330, 0.3555, 0.3477



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.6272, 0.3852, 0.3282

Protanomaly

54.2902, 0.3457, 0.3349

Deuteranomaly

54.5463, 0.3665, 0.3404

Tritanomaly

54.5245, 0.3790, 0.3197

Monochromacy



Original Color

54.6272, 0.3852, 0.3282

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1730, 0.3370, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6272, 0.3852, 0.3282 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 175) }
```

Border

The CSS property to change the border of an element to Yxy 54.6272, 0.3852, 0.3282 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, 174, 175) }
```

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

```
.border{ border-color:rgb(255, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6272, 0.3852, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 175) }
```

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

```
.background{ background-color: rgb(255,  
174, 175) }
```

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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