

Converting Colors

$Yxy(54.8026, 0.3910, 0.3364)$

Have a look what the booklet for
Yxy(54.8026, 0.3910, 0.3364)
contains.

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Color

Yxy(54.7471, 0.3913, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA8
RGB	255, 175, 168
RGB Percent	100%, 69%, 66%
CMY	0.0000, 0.3137, 0.3412
CMYK	0.00, 0.31, 0.34, 0.00
HSL	5°, 100%, 83%
HSV	5°, 34%, 100%
XYZ	63.6439, 54.7471, 44.2563
YIQ	198.1220, 49.9270, 14.7830

Conversions

Conversions Part 2

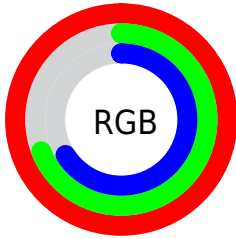
Format	Color
R _Y B	255, 176, 168
Decimal	16756648
CIE Lab	78.90, 28.40, 15.46
CIE LCh	79, 32.336, 28.567
Yxy	54.7471, 0.3913, 0.3366
Android (android.graphics.Color)	4294946728 (0xFFFFAFA8)
YUV	198.1220, -14.8501, 49.8820
Hunter-Lab	73.9913, 24.0528, 16.3308

Details

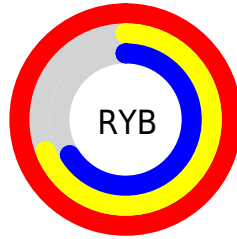
The Yxy color **54.7471, 0.3913, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6799, 0.2632, 0.3212**, and the grayscale version is **56.6164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7395, 0.3346, 0.3370**, and **26.9158, 0.4121, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **45.5376, 0.4264, 0.3388**, and if you desaturate by 10%, it is **65.7240, 0.3622, 0.3343**.

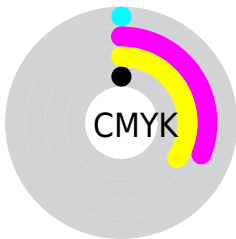
Distribution



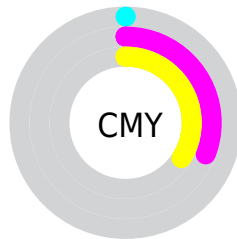
- Red (100%)
- Green (69%)
- Blue (66%)



- Red (100%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7471, 0.3913, 0.3366 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 54.7471, 0.3913, 0.3366 by changing the saturation by 10% instead.


 54.7471, 0.3913,
0.3366


 54.7471, 0.3913,
0.3366

404.9526, 0.3527,
0.3340

 39.1993, 0.4007,
0.3369


 97.1703, 0.3774,
0.3359

 26.9148, 0.4126,
0.3371


 124.8145, 0.3722,
0.3356

 17.5092, 0.4281,
0.3370


157.2596, 0.3677,
0.3353

 10.5982, 0.4492,
0.3364

194.8900, 0.3639,
0.3350

 5.7974, 0.4792,
0.3343

238.0901, 0.3605,
0.3347

 2.7223, 0.5247,
0.3286

287.2443, 0.3576,

 0.9885, 0.6578,

0.3345

0.3422

342.7370, 0.3550,
0.3343

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7471, 0.3913,
0.3366

54.7471, 0.3913,
0.3366

45.5376, 0.4264,
0.3388

65.7240, 0.3622,
0.3343

38.0083, 0.4676,
0.3406

78.5600, 0.3386,
0.3320

32.0559, 0.5131,
0.3415

93.3336, 0.3195,
0.3298

27.5681, 0.5589,
0.3410

100.0000, 0.3127,
0.3290

■ 24.4178, 0.5987,
0.3389

■ 22.4560, 0.6260,
0.3355

■ 21.7786, 0.6356,
0.3335

Harmonies

Analogous

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



54.7471, 0.3619, 0.3031



54.7471, 0.3913, 0.3366



54.7471, 0.3976, 0.3706

Triad

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



54.7471, 0.3913, 0.3366



54.7471, 0.3015, 0.3912



54.7471, 0.2477, 0.2621

Complementary

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



54.7471, 0.3913, 0.3366



82.6799, 0.2632, 0.3212

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.



54.7471, 0.2343, 0.2797



54.7471, 0.3913, 0.3366



54.7471, 0.2637, 0.3552

Square

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



54.7471, 0.3913, 0.3366



54.7471, 0.3440, 0.4063



54.7471, 0.2398, 0.3131



54.7471, 0.2779, 0.2616

Rectangle

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



54.7471, 0.3913, 0.3366



54.7471, 0.3880, 0.3896



54.7471, 0.2398, 0.3131



54.7471, 0.2412, 0.2661

Sweetspot

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



54.7453, 0.3913, 0.3366



84.4061, 0.3302, 0.3311



56.1161, 0.3212, 0.2491



17.6314, 0.3330, 0.3314



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.



54.7453, 0.3913, 0.3366



48.2249, 0.4148, 0.3381



73.8668, 0.3763, 0.3798



18.2217, 0.3293, 0.3310



11.4614, 0.6342, 0.3346



1.1930, 0.6219, 0.3444

Inverse Universe

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



82.6799, 0.2632, 0.3212



80.0175, 0.2548, 0.3194



59.5418, 0.2567, 0.2720



20.2166, 0.2980, 0.3270



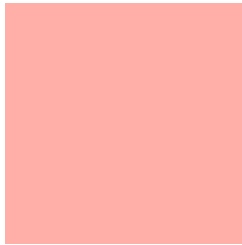
34.7703, 0.2177, 0.3036



3.4565, 0.2185, 0.3067

Previews

White Background



This preview shows how the Yxy color 54.7471, 0.3913, 0.3366 looks on a white background.

Color Contrast Check

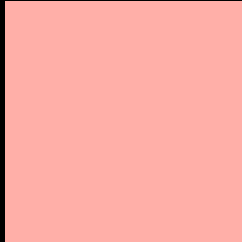
Large Text (above 18pt) WCAG AA × Fail

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 54.7471, 0.3913, 0.3366 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 54.7471, 0.3913, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 54.7471, 0.3913, 0.3366.



This preview shows how white text looks on a background with the Yxy color 54.7471, 0.3913, 0.3366.

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

54.7471, 0.3913, 0.3366

Protanopia

54.9411, 0.3322, 0.3497

Deuteranopia

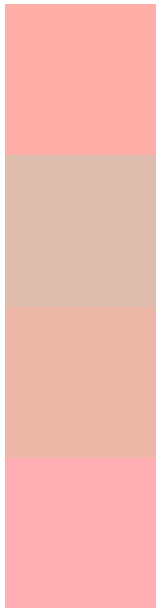
54.7272, 0.3623, 0.3546



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.7471, 0.3913, 0.3366

Protanomaly

54.5520, 0.3530, 0.3454

Deuteranomaly

54.4899, 0.3727, 0.3471

Tritanomaly

54.7868, 0.3815, 0.3239

Monochromacy



Original Color

54.7471, 0.3913, 0.3366

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4748, 0.3393, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7471, 0.3913, 0.3366 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, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 168)  
}
```

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, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 54.7471, 0.3913, 0.3366 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, 175, 168) }
```

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

```
.border{ border-color:rgb(255, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7471, 0.3913, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 168) }
```

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

```
.background{ background-color: rgb(255,  
175, 168) }
```

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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