

Converting Colors

$Y_{xy}(65.3733, 0.4332, 0.3344)$

Have a look what the booklet for
Yxy(65.3733, 0.4332, 0.3344)
contains.

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Color

Yxy(54.3593, 0.3916, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEA8
RGB	255, 174, 168
RGB Percent	100%, 68%, 66%
CMY	0.0002, 0.3175, 0.3412
CMYK	0.00, 0.32, 0.34, 0.00
HSL	4°, 100%, 83%
HSV	4°, 34%, 100%
XYZ	63.4300, 54.3593, 44.1872
YIQ	197.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

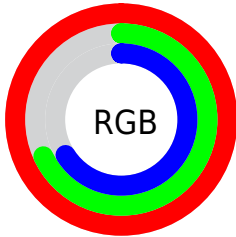
Format	Color
R _Y B	255, 174, 168
Decimal	16756392
CIE Lab	78.67, 28.88, 15.15
CIE LCh	79, 32.611, 27.688
Yxy	54.3593, 0.3916, 0.3356
Android (android.graphics.Color)	4294946472 (0xFFFFAEA8)
YUV	197.5350, -14.5608, 50.3968
Hunter-Lab	73.7288, 24.5410, 16.0764

Details

The Yxy color **54.3593, 0.3916, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2343, 0.2634, 0.3222**, and the grayscale version is **56.2431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1813, 0.3347, 0.3360**, and **26.6715, 0.4127, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **45.1301, 0.4270, 0.3375**, and if you desaturate by 10%, it is **65.3987, 0.3624, 0.3336**.

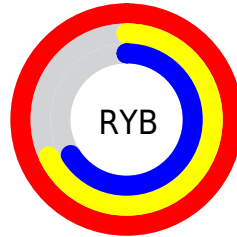
Distribution



Red (100%)

Green (68%)

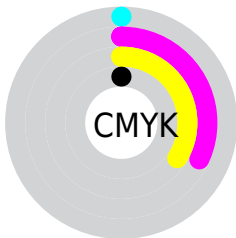
Blue (66%)



Red (100%)

Yellow (68%)

Blue (66%)

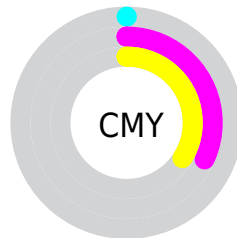


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3593, 0.3916, 0.3356 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 54.3593, 0.3916, 0.3356 by changing the saturation by 10% instead.


 54.3593, 0.3916,
0.3356


 54.3593, 0.3916,
0.3356


403.4787, 0.3528,
0.3335

 38.8890, 0.4011,
0.3358


 96.6016, 0.3777,
0.3351

 26.6734, 0.4130,
0.3358


 124.1424, 0.3724,
0.3348

 17.3281, 0.4287,
0.3356


156.4754, 0.3679,
0.3346

 10.4687, 0.4499,
0.3347

193.9851, 0.3640,
0.3343

 5.7108, 0.4803,
0.3323

237.0559, 0.3606,
0.3341

 2.6700, 0.5264,
0.3260

286.0722, 0.3577,

 0.9620, 0.6615,

0.3339

341.4183, 0.3551,
0.3337

0.3385

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3593, 0.3916,
0.3356

54.3593, 0.3916,
0.3356

45.1301, 0.4270,
0.3375

65.3987, 0.3624,
0.3336

37.6072, 0.4685,
0.3390

78.3295, 0.3386,
0.3316

31.6883, 0.5144,
0.3398

93.2373, 0.3195,
0.3297

27.2567, 0.5605,
0.3394

99.9911, 0.3127,
0.3290

■ 24.1800, 0.6003,
0.3375

■ 22.3023, 0.6272,
0.3345

■ 21.6749, 0.6364,
0.3329

Harmonies

Analogous

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



54.3593, 0.3613, 0.3019



54.3593, 0.3916, 0.3356



54.3593, 0.3987, 0.3700

Triad

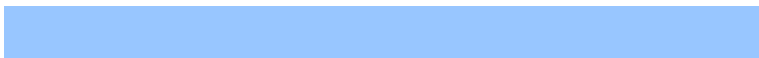
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.3593, 0.3916, 0.3356



54.3593, 0.3026, 0.3927



54.3593, 0.2463, 0.2617

Complementary

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



54.3593, 0.3916, 0.3356



83.2343, 0.2634, 0.3222

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.



54.3593, 0.2334, 0.2799



54.3593, 0.3916, 0.3356



54.3593, 0.2642, 0.3567

Square

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



54.3593, 0.3916, 0.3356



54.3593, 0.3455, 0.4072



54.3593, 0.2395, 0.3141



54.3593, 0.2765, 0.2607

Rectangle

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



54.3593, 0.3916, 0.3356



54.3593, 0.3894, 0.3895



54.3593, 0.2395, 0.3141



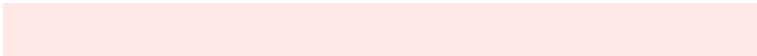
54.3593, 0.2400, 0.2658

Sweetspot

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



54.3619, 0.3916, 0.3356



84.2498, 0.3302, 0.3308



56.1002, 0.3212, 0.2491



17.5940, 0.3330, 0.3311



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.



54.3619, 0.3916, 0.3356



47.8343, 0.4153, 0.3369



73.8413, 0.3763, 0.3797



18.1897, 0.3293, 0.3307



11.4043, 0.6352, 0.3339



1.1778, 0.6242, 0.3426

Inverse Universe

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



83.2343, 0.2634, 0.3222



80.7167, 0.2550, 0.3207



59.5247, 0.2568, 0.2720



20.2524, 0.2980, 0.3273



35.5952, 0.2186, 0.3071



3.5281, 0.2194, 0.3098

Previews

White Background



This preview shows how the Yxy color 54.3593, 0.3916, 0.3356 looks on a white background.

Color Contrast Check

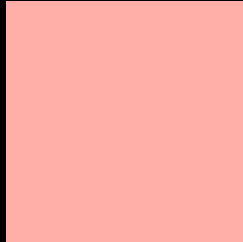
Large Text (above 18pt) WCAG AA × Fail

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 54.3593, 0.3916, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

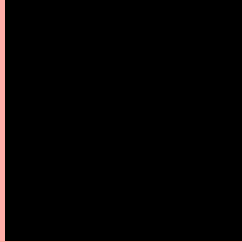
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3593, 0.3916, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 54.3593, 0.3916, 0.3356.



This preview shows how white text looks on a background with the Yxy color 54.3593, 0.3916, 0.3356.

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

54.3593, 0.3916, 0.3356

Protanopia

54.3545, 0.3315, 0.3486

Deuteranopia

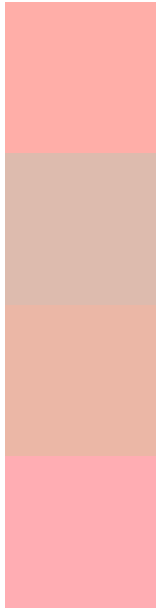
54.5303, 0.3623, 0.3558



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.3593, 0.3916, 0.3356

Protanomaly

53.9688, 0.3523, 0.3443

Deuteranomaly

54.2823, 0.3726, 0.3483

Tritanomaly

54.4018, 0.3818, 0.3229

Monochromacy



Original Color

54.3593, 0.3916, 0.3356

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0431, 0.3395, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3593, 0.3916, 0.3356 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 168) }
```

Border

The CSS property to change the border of an element to Yxy 54.3593, 0.3916, 0.3356 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, 168) }
```

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

```
.border{ border-color:rgb(255, 174, 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, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3593, 0.3916, 0.3356 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, 168) }
```

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

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