

Converting Colors

$Y_{xy}(63.7794, 0.4306, 0.3330)$

Have a look what the booklet for
Yxy(63.7794, 0.4306, 0.3330)
contains.

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Color

Yxy(54.0117, 0.3911, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFADA9
RGB	255, 173, 169
RGB Percent	100%, 68%, 66%
CMY	0.0000, 0.3216, 0.3372
CMYK	0.00, 0.32, 0.34, 0.00
HSL	3°, 100%, 83%
HSV	3°, 34%, 100%
XYZ	63.3593, 54.0117, 44.6317
YIQ	197.0620, 50.1560, 16.1400

Conversions

Conversions Part 2

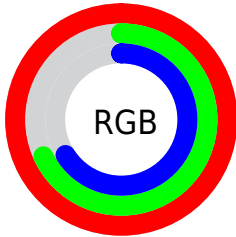
Format	Color
R _Y B	255, 173, 169
Decimal	16756137
CIE Lab	78.47, 29.59, 14.31
CIE LCh	78, 32.864, 25.811
Yxy	54.0117, 0.3911, 0.3334
Android (android.graphics.Color)	4294946217 (0xFFFFADA9)
YUV	197.0620, -13.8346, 50.8116
Hunter-Lab	73.4927, 25.2757, 15.4383

Details

The Yxy color **54.0117, 0.3911, 0.3334** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.6764, 0.2642, 0.3245**, and the grayscale version is **55.9302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6804, 0.3342, 0.3340**, and **26.4531, 0.4120, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **44.6452, 0.4268, 0.3347**, and if you desaturate by 10%, it is **65.2505, 0.3617, 0.3320**.

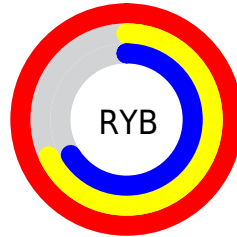
Distribution



Red (100%)

Green (68%)

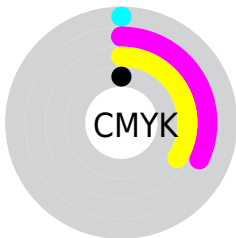
Blue (66%)



Red (100%)

Yellow (68%)

Blue (66%)

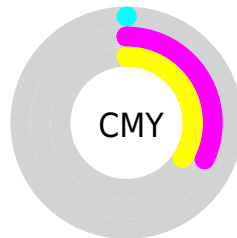


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0117, 0.3911, 0.3334 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 54.0117, 0.3911, 0.3334 by changing the saturation by 10% instead.

 54.0117, 0.3911,
0.3334

 54.0117, 0.3911,
0.3334


402.1546, 0.3525,
0.3323

 38.6110, 0.4005,
0.3333


 96.0914, 0.3772,
0.3333

 26.4573, 0.4125,
0.3331


123.5393, 0.3720,
0.3331

 17.1660, 0.4281,
0.3325


155.7716, 0.3675,
0.3330

 10.3529, 0.4493,
0.3311

193.1728, 0.3636,
0.3329

 5.6336, 0.4797,
0.3281

236.1273, 0.3603,
0.3327

 2.6236, 0.5261,
0.3210

285.0196, 0.3574,

 0.9385, 0.6614,

0.3326

0.3314

340.2339, 0.3548,
0.3325

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0117, 0.3911,
0.3334

54.0117, 0.3911,
0.3334

44.6452, 0.4268,
0.3347

65.2505, 0.3617,
0.3320

37.0668, 0.4688,
0.3358

78.4758, 0.3379,
0.3307

31.1572, 0.5154,
0.3363

93.7702, 0.3188,
0.3294

26.7904, 0.5621,
0.3360

100.0000, 0.3127,
0.3290

■ 23.8225, 0.6022,
0.3348

■ 22.0827, 0.6288,
0.3328

■ 21.5168, 0.6378,
0.3318

Harmonies

Analogous

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



54.0117, 0.3593, 0.2997



54.0117, 0.3911, 0.3334



54.0117, 0.3999, 0.3683

Triad

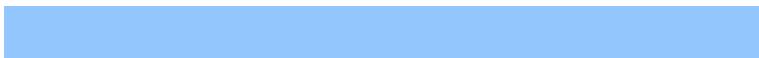
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.0117, 0.3911, 0.3334



54.0117, 0.3052, 0.3950



54.0117, 0.2444, 0.2617

Complementary

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



54.0117, 0.3911, 0.3334



84.6764, 0.2642, 0.3245

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.



54.0117, 0.2325, 0.2811



54.0117, 0.3911, 0.3334



54.0117, 0.2658, 0.3597

Square

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



54.0117, 0.3911, 0.3334



54.0117, 0.3484, 0.4081



54.0117, 0.2399, 0.3165



54.0117, 0.2738, 0.2597

Rectangle

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



54.0117, 0.3911, 0.3334



54.0117, 0.3915, 0.3884



54.0117, 0.2399, 0.3165



54.0117, 0.2383, 0.2662

Sweetspot

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



54.0054, 0.3911, 0.3334



83.9150, 0.3303, 0.3302



56.6805, 0.3189, 0.2475



17.5138, 0.3331, 0.3304



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.



54.0054, 0.3911, 0.3334



47.9109, 0.4128, 0.3342



72.6634, 0.3764, 0.3763



18.1211, 0.3293, 0.3302



11.3000, 0.6369, 0.3325



1.1454, 0.6294, 0.3384

Inverse Universe

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



84.6764, 0.2642, 0.3245



82.5511, 0.2566, 0.3236



61.3292, 0.2579, 0.2762



20.3295, 0.2980, 0.3279



37.4092, 0.2207, 0.3145



3.6849, 0.2212, 0.3163

Previews

White Background



This preview shows how the Yxy color 54.0117, 0.3911, 0.3334 looks on a white background.

Color Contrast Check

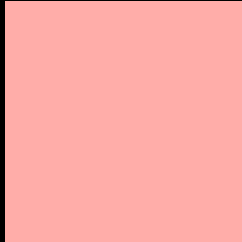
Large Text (above 18pt) WCAG AA × Fail

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 54.0117, 0.3911, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

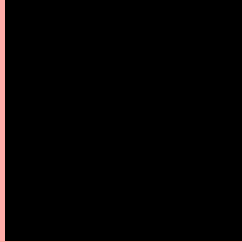
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0117, 0.3911, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 54.0117, 0.3911, 0.3334.



This preview shows how white text looks on a background with the Yxy color 54.0117, 0.3911, 0.3334.

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

54.0117, 0.3911, 0.3334

Protanopia

54.2964, 0.3291, 0.3462

Deuteranopia

53.9818, 0.3608, 0.3536



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

54.0117, 0.3911, 0.3334



Protanomaly

53.6246, 0.3509, 0.3408



Deuteranomaly

53.9081, 0.3721, 0.3460



Tritanomaly

54.0197, 0.3821, 0.3218

Monochromacy



Original Color

54.0117, 0.3911, 0.3334



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 54.0117, 0.3911, 0.3334 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 169) }
```

Border

The CSS property to change the border of an element to Yxy 54.0117, 0.3911, 0.3334 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, 169) }
```

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

```
.border{ border-color:rgb(255, 173, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0117, 0.3911, 0.3334 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
173, 169) }
```

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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