

Converting Colors

$Yxy(54.1870, 0.3845, 0.3256)$

Have a look what the booklet for
Yxy(54.1870, 0.3845, 0.3256)
contains.

Yxy(54.2817, 0.3846, 0.3261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.2817, 0.3846, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFADB0
RGB	255, 173, 176
RGB Percent	100%, 68%, 69%
CMY	0.0000, 0.3215, 0.3100
CMYK	0.00, 0.32, 0.31, 0.00
HSL	358°, 100%, 84%
HSV	358°, 32%, 100%
XYZ	64.0194, 54.2817, 48.1561
YIQ	197.8600, 47.9090, 18.3170

Conversions

Conversions Part 2

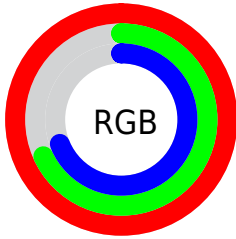
Format	Color
R _Y B	255, 173, 176
Decimal	16756144
CIE Lab	78.63, 30.42, 10.77
CIE LCh	79, 32.270, 19.493
Yxy	54.2817, 0.3846, 0.3261
Android (android.graphics.Color)	4294946224 (0xFFFFADB0)
YUV	197.8600, -10.7770, 50.1118
Hunter-Lab	73.6761, 26.1709, 12.8202

Details

The Yxy color **54.2817, 0.3846, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.4361, 0.2680, 0.3321**, and the grayscale version is **56.4258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1248, 0.3288, 0.3261**, and **26.6239, 0.4029, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **44.5318, 0.4190, 0.3253**, and if you desaturate by 10%, it is **66.0753, 0.3565, 0.3270**.

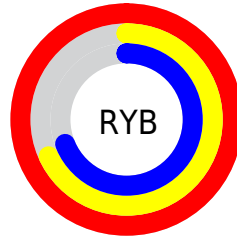
Distribution



Red (100%)

Green (68%)

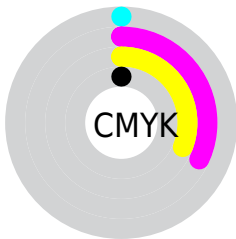
Blue (69%)



Red (100%)

Yellow (68%)

Blue (69%)

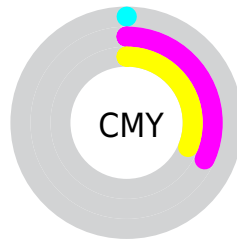


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2817, 0.3846, 0.3261 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 54.2817, 0.3846, 0.3261 by changing the saturation by 10% instead.


 54.2817, 0.3846,
0.3261

 54.2817, 0.3846,
0.3261


403.1833, 0.3492,
0.3283

 38.8269, 0.3932,
0.3253


 96.4877, 0.3719,
0.3271

 26.6251, 0.4041,
0.3242


124.0078, 0.3671,
0.3274

 17.2919, 0.4184,
0.3226


156.3184, 0.3630,
0.3276

 10.4428, 0.4379,
0.3200

193.8039, 0.3595,
0.3278

 5.6935, 0.4659,
0.3155

236.8488, 0.3564,
0.3280

 2.6596, 0.5090,
0.3070

285.8374, 0.3537,

 0.9567, 0.6090,

0.3281

0.3008

341.1541, 0.3514,
0.3282

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2817, 0.3846,
0.3261

54.2817, 0.3846,
0.3261

44.5318, 0.4190,
0.3253

66.0753, 0.3565,
0.3270

36.7075, 0.4600,
0.3246

80.0174, 0.3340,
0.3279

30.6820, 0.5062,
0.3244

96.2081, 0.3161,
0.3288

26.3121, 0.5536,
0.3248

100.0000, 0.3127,
0.3290

■ 23.4331, 0.5957,
0.3258

■ 21.8466, 0.6253,
0.3275

■ 21.2801, 0.6375,
0.3286

Harmonies

Analogous

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



54.2817, 0.3499, 0.2940



54.2817, 0.3846, 0.3261



54.2817, 0.3984, 0.3607

Triad

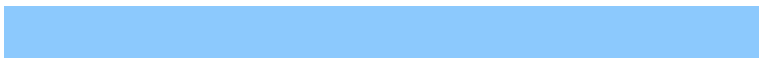
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.2817, 0.3846, 0.3261



54.2817, 0.3144, 0.3984



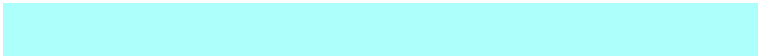
54.2817, 0.2416, 0.2656

Complementary

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



54.2817, 0.3846, 0.3261



87.4361, 0.2680, 0.3321

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.



54.2817, 0.2339, 0.2883



54.2817, 0.3846, 0.3261



54.2817, 0.2740, 0.3676

Square

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



54.2817, 0.3846, 0.3261



54.2817, 0.3561, 0.4059



54.2817, 0.2452, 0.3255



54.2817, 0.2672, 0.2600

Rectangle

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



54.2817, 0.3846, 0.3261



54.2817, 0.3937, 0.3816



54.2817, 0.2452, 0.3255



54.2817, 0.2370, 0.2713

Sweetspot

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



54.2824, 0.3846, 0.3261



83.3125, 0.3298, 0.3281



57.6001, 0.3132, 0.2480



17.3697, 0.3326, 0.3280



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.



54.2824, 0.3846, 0.3261



47.3940, 0.4074, 0.3255



70.3228, 0.3751, 0.3673



17.9977, 0.3289, 0.3282



11.1239, 0.6364, 0.3280



1.0867, 0.6278, 0.3232

Inverse Universe

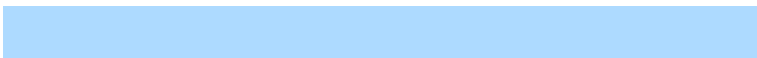
The Inverse Universe completely reimagines the original color for something new.



54.2824, 0.3846, 0.3261



47.3940, 0.4074, 0.3255



66.3010, 0.2615, 0.2871



17.9977, 0.3289, 0.3282



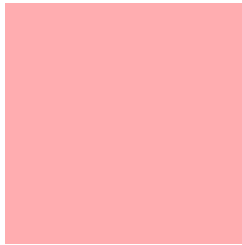
11.1239, 0.6364, 0.3280



1.0867, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 54.2817, 0.3846, 0.3261 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 54.2817, 0.3846, 0.3261 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 54.2817, 0.3846, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 54.2817, 0.3846, 0.3261.



This preview shows how white text looks on a background with the Yxy color 54.2817, 0.3846, 0.3261.

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

54.2817, 0.3846, 0.3261

Protanopia

54.4508, 0.3229, 0.3376

Deuteranopia

54.5132, 0.3538, 0.3466



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.2817, 0.3846, 0.3261



Protanomaly

53.7524, 0.3442, 0.3326



Deuteranomaly

54.4154, 0.3648, 0.3393



Tritanomaly

54.1424, 0.3793, 0.3187

Monochromacy



Original Color

54.2817, 0.3846, 0.3261



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 54.2817, 0.3846, 0.3261 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.2817, 0.3846, 0.3261 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, 176) }
```

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

```
.border{ border-color:rgb(255, 173, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2817, 0.3846, 0.3261 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
173, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor