

Converting Colors

$Y_{xy}(50.7117, 0.3895, 0.3340)$

Have a look what the booklet for
Yxy(50.7117, 0.3895, 0.3340)
contains.

Yxy(50.8304, 0.3901, 0.3347)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8304, 0.3901, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	F7A9A4
RGB	247, 169, 164
RGB Percent	97%, 66%, 64%
CMY	0.0314, 0.3372, 0.3570
CMYK	0.00, 0.32, 0.34, 0.03
HSL	4°, 84%, 81%
HSV	4°, 34%, 97%
XYZ	59.2439, 50.8304, 41.7942
YIQ	191.7520, 48.0930, 14.9810

Conversions

Conversions Part 2

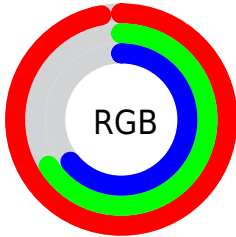
Format	Color
R _Y B	247, 169, 164
Decimal	16230820
CIE Lab	76.58, 28.07, 14.26
CIE LCh	77, 31.489, 26.935
Yxy	50.8304, 0.3901, 0.3347
Android (android.graphics.Color)	4294420900 (0xFFFF7A9A4)
YUV	191.7520, -13.6817, 48.4525
Hunter-Lab	71.2954, 23.5600, 15.1503

Details

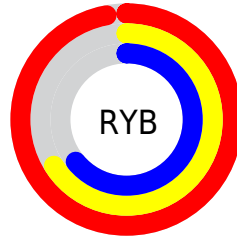
The Yxy color **50.8304, 0.3901, 0.3347** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.0825, 0.2642, 0.3232**, and the grayscale version is **52.6207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2249, 0.3381, 0.3351**, and **24.4795, 0.4125, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **42.1453, 0.4253, 0.3364**, and if you desaturate by 10%, it is **61.2251, 0.3611, 0.3329**.

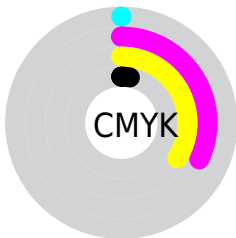
Distribution



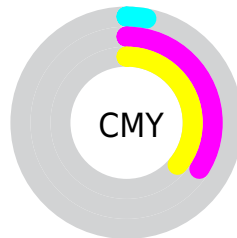
- Red (97%)
- Green (66%)
- Blue (64%)



- Red (97%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (3%)




- Cyan (3%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8304, 0.3901, 0.3347 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 50.8304, 0.3901, 0.3347 by changing the saturation by 10% instead.


 50.8304, 0.3901,
0.3347


 50.8304, 0.3901,
0.3347


389.9045, 0.3516,
0.3330

 36.0737, 0.3996,
0.3348


 91.4040, 0.3762,
0.3343

 24.4911, 0.4117,
0.3347


 117.9897, 0.3709,
0.3341

 15.6983, 0.4277,
0.3344


149.2871, 0.3665,
0.3339

 9.3109, 0.4496,
0.3333

185.6807, 0.3626,
0.3337

 4.9445, 0.4814,
0.3304

227.5548, 0.3593,
0.3335

 2.2148, 0.5307,
0.3232

275.2939, 0.3564,

 0.7280, 0.6731,

0.3333

0.3269

329.2823, 0.3539,
0.3331

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8304, 0.3901,
0.3347

50.8304, 0.3901,
0.3347

42.1453, 0.4253,
0.3364

61.2251, 0.3611,
0.3329

35.0714, 0.4667,
0.3378

73.4064, 0.3376,
0.3312

29.5117, 0.5126,
0.3385

87.4553, 0.3186,
0.3296

25.3557, 0.5590,
0.3382

98.5141, 0.3078,
0.3290

■ 22.4777, 0.5993,
0.3366

■ 20.7299, 0.6269,
0.3340

■ 20.1158, 0.6369,
0.3325

Harmonies

Analogous

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



50.8304, 0.3598, 0.3015



50.8304, 0.3901, 0.3347



50.8304, 0.3978, 0.3688

Triad

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



50.8304, 0.3901, 0.3347



50.8304, 0.3038, 0.3925



50.8304, 0.2466, 0.2627

Complementary

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



50.8304, 0.3901, 0.3347



78.0825, 0.2642, 0.3232

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.



50.8304, 0.2342, 0.2812



50.8304, 0.3901, 0.3347



50.8304, 0.2656, 0.3574

Square

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



50.8304, 0.3901, 0.3347



50.8304, 0.3462, 0.4062



50.8304, 0.2408, 0.3153



50.8304, 0.2760, 0.2613

Rectangle

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



50.8304, 0.3901, 0.3347



50.8304, 0.3890, 0.3882



50.8304, 0.2408, 0.3153



50.8304, 0.2404, 0.2670

Sweetspot

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



50.8328, 0.3901, 0.3347



84.1243, 0.3303, 0.3306



52.7749, 0.3200, 0.2491



17.5640, 0.3331, 0.3308



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.



50.8328, 0.3901, 0.3347



48.4235, 0.4121, 0.3358



68.3662, 0.3756, 0.3775



16.6439, 0.3292, 0.3305



10.7044, 0.6357, 0.3334



0.9965, 0.6250, 0.3419

Inverse Universe

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



78.0825, 0.2642, 0.3232



81.6228, 0.2564, 0.3219



56.5323, 0.2579, 0.2748



18.5752, 0.2981, 0.3275



34.1505, 0.2194, 0.3099



3.0528, 0.2201, 0.3125

Previews

White Background



This preview shows how the Yxy color 50.8304, 0.3901, 0.3347 looks on a white background.

Color Contrast Check

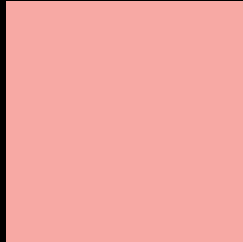
Large Text (above 18pt) WCAG AA × Fail

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 50.8304, 0.3901, 0.3347 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 50.8304, 0.3901, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 50.8304, 0.3901, 0.3347.



This preview shows how white text looks on a background with the Yxy color 50.8304, 0.3901, 0.3347.

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

50.8304, 0.3901, 0.3347

Protanopia

51.1869, 0.3303, 0.3479

Deuteranopia

50.8162, 0.3603, 0.3530



Tritanopia

51.0318, 0.3782, 0.3163

Trichromacy



Original Color

50.8304, 0.3901, 0.3347

Protanomaly

50.8052, 0.3516, 0.3435

Deuteranomaly

50.5826, 0.3709, 0.3454

Tritanomaly

51.0177, 0.3818, 0.3227

Monochromacy



Original Color

50.8304, 0.3901, 0.3347

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6554, 0.3384, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8304, 0.3901, 0.3347 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(247, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(247, 169, 164)  
}
```

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(247, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 169, 164) }
```

Border

The CSS property to change the border of an element to Yxy 50.8304, 0.3901, 0.3347 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(247, 169, 164) }
```

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

```
.border{ border-color:rgb(247, 169, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 169, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 169, 164);  
box-shadow:4px 4px 4px 4px rgb(247, 169,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8304, 0.3901, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 169, 164) }
```

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

```
.background{ background-color: rgb(247,  
169, 164) }
```

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