

Converting Colors

Yxy(52.4943, 0.3891, 0.3311)

Have a look what the booklet for
Yxy(52.4943, 0.3891, 0.3311)
contains.

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Color

Yxy(52.6858, 0.3891, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FCABA9
RGB	252, 171, 169
RGB Percent	99%, 67%, 66%
CMY	0.0119, 0.3293, 0.3373
CMYK	0.00, 0.32, 0.33, 0.01
HSL	1°, 93%, 83%
HSV	1°, 33%, 99%
XYZ	61.8589, 52.6858, 44.4348
YIQ	194.9910, 48.9180, 16.5500

Conversions

Conversions Part 2

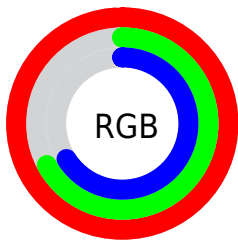
Format	Color
R _Y B	252, 171, 169
Decimal	16559017
CIE Lab	77.69, 29.47, 13.18
CIE LCh	78, 32.285, 24.102
Yxy	52.6858, 0.3891, 0.3314
Android (android.graphics.Color)	4294749097 (0xFFFCABA9)
YUV	194.9910, -12.8136, 49.9969
Hunter-Lab	72.5850, 25.0989, 14.5136

Details

The Yxy color **52.6858, 0.3891, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7827, 0.2654, 0.3266**, and the grayscale version is **54.6242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5800, 0.3344, 0.3321**, and **25.5787, 0.4095, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.3927, 0.4248, 0.3322**, and if you desaturate by 10%, it is **63.8923, 0.3599, 0.3306**.

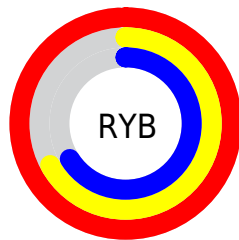
Distribution



Red (99%)

Green (67%)

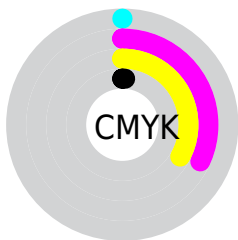
Blue (66%)



Red (99%)

Yellow (67%)

Blue (66%)

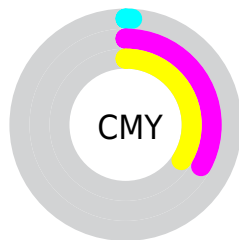


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (1%)



Cyan (1%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6858, 0.3891, 0.3314 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 52.6858, 0.3891, 0.3314 by changing the saturation by 10% instead.


 52.6858, 0.3891,
0.3314

 52.6858, 0.3891,
0.3314


397.0785, 0.3513,
0.3312

 37.5520, 0.3984,
0.3312


 94.1419, 0.3755,
0.3316

 25.6352, 0.4101,
0.3307


121.2329, 0.3703,
0.3316

 16.5509, 0.4256,
0.3298

153.0785, 0.3660,
0.3315

 9.9148, 0.4467,
0.3280

190.0631, 0.3622,
0.3315

 5.3425, 0.4771,
0.3245

232.5709, 0.3589,
0.3314

 2.4496, 0.5240,
0.3167

280.9865, 0.3561,

 0.8512, 0.6692,

0.3314

0.3289

335.6943, 0.3536,
0.3313

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6858, 0.3891,
0.3314

52.6858, 0.3891,
0.3314

43.3927, 0.4248,
0.3322

63.8923, 0.3599,
0.3306

35.8992, 0.4670,
0.3328

77.1028, 0.3363,
0.3299

30.0909, 0.5140,
0.3331

92.4111, 0.3175,
0.3292

25.8376, 0.5613,
0.3331

99.4294, 0.3108,
0.3290

■ 22.9895, 0.6021,
0.3325

■ 21.3680, 0.6290,
0.3314

■ 20.8242, 0.6389,
0.3309

Harmonies

Analogous

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



52.6858, 0.3566, 0.2982



52.6858, 0.3891, 0.3314



52.6858, 0.3992, 0.3661

Triad

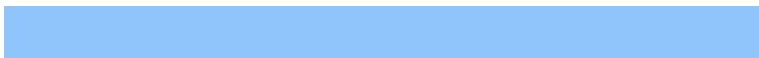
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.6858, 0.3891, 0.3314



52.6858, 0.3077, 0.3958



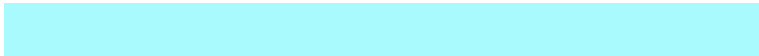
52.6858, 0.2438, 0.2629

Complementary

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



52.6858, 0.3891, 0.3314



83.7827, 0.2654, 0.3266

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.



52.6858, 0.2331, 0.2832



52.6858, 0.3891, 0.3314



52.6858, 0.2682, 0.3617

Square

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



52.6858, 0.3891, 0.3314



52.6858, 0.3504, 0.4073



52.6858, 0.2415, 0.3190



52.6858, 0.2721, 0.2600

Rectangle

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



52.6858, 0.3891, 0.3314



52.6858, 0.3919, 0.3864



52.6858, 0.2415, 0.3190



52.6858, 0.2382, 0.2678

Sweetspot

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



52.6883, 0.3891, 0.3314



83.6101, 0.3304, 0.3297



55.9968, 0.3176, 0.2482



17.4409, 0.3332, 0.3298



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.



52.6883, 0.3891, 0.3314



47.1736, 0.4137, 0.3319



70.5688, 0.3750, 0.3738



17.2936, 0.3294, 0.3296



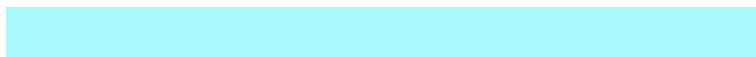
10.8814, 0.6383, 0.3314



1.0312, 0.6341, 0.3348

Inverse Universe

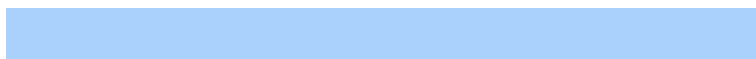
The Inverse Universe completely reimagines the original color for something new.



83.7827, 0.2654, 0.3266



83.9196, 0.2570, 0.3260



61.1046, 0.2594, 0.2794



19.5309, 0.2980, 0.3284



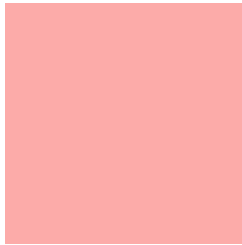
37.9635, 0.2226, 0.3212



3.5387, 0.2228, 0.3222

Previews

White Background



This preview shows how the Yxy color 52.6858, 0.3891, 0.3314 looks on a white background.

Color Contrast Check

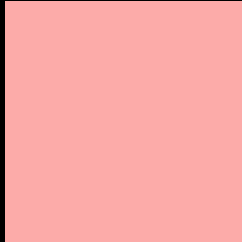
Large Text (above 18pt) WCAG AA × Fail

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 52.6858, 0.3891, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

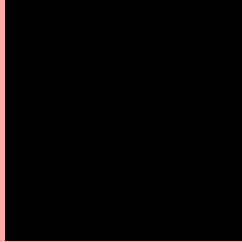
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6858, 0.3891, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 52.6858, 0.3891, 0.3314.



This preview shows how white text looks on a background with the Yxy color 52.6858, 0.3891, 0.3314.

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

52.6858, 0.3891, 0.3314

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

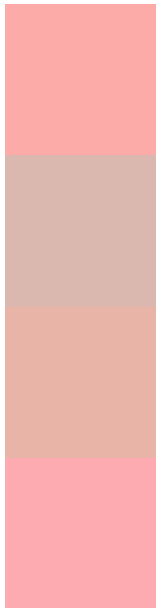
52.6667, 0.3587, 0.3515



Tritanopia

52.6360, 0.3784, 0.3154

Trichromacy



Original Color

52.6858, 0.3891, 0.3314

Protanomaly

52.3210, 0.3487, 0.3386

Deuteranomaly

52.5883, 0.3700, 0.3440

Tritanomaly

52.8064, 0.3828, 0.3218

Monochromacy



Original Color

52.6858, 0.3891, 0.3314

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.2619, 0.3382, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6858, 0.3891, 0.3314 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(252, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(252, 171, 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(252, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 171, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.6858, 0.3891, 0.3314 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(252, 171, 169) }
```

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

```
.border{ border-color:rgb(252, 171, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 171, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 171, 169); box-shadow:4px 4px 4px 4px rgb(252, 171, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6858, 0.3891, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 171, 169) }
```

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

```
.background{ background-color: rgb(252,  
171, 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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