

Converting Colors

$Yxy(57.5867, 0.4127, 0.3316)$

Have a look what the booklet for
Yxy(57.5867, 0.4127, 0.3316)
contains.

Yxy(52.8366, 0.3931, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8366, 0.3931, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAA8
RGB	255, 170, 168
RGB Percent	100%, 67%, 66%
CMY	0.0000, 0.3334, 0.3411
CMYK	0.00, 0.33, 0.34, 0.00
HSL	1°, 100%, 83%
HSV	1°, 34%, 100%
XYZ	62.6926, 52.8366, 43.9534
YIQ	195.1870, 51.3020, 17.3980

Conversions

Conversions Part 2

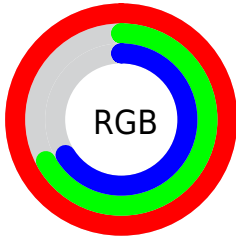
Format	Color
R _Y B	255, 170, 168
Decimal	16755368
CIE Lab	77.78, 31.02, 13.88
CIE LCh	78, 33.985, 24.097
Yxy	52.8366, 0.3931, 0.3313
Android (android.graphics.Color)	4294945448 (0xFFFFAAA8)
YUV	195.1870, -13.4032, 52.4560
Hunter-Lab	72.6888, 26.7473, 15.0307

Details

The Yxy color **52.8366, 0.3931, 0.3313** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8235, 0.2640, 0.3267**, and the grayscale version is **54.7460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9804, 0.3352, 0.3321**, and **25.7193, 0.4150, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.4993, 0.4297, 0.3320**, and if you desaturate by 10%, it is **64.1257, 0.3630, 0.3306**.

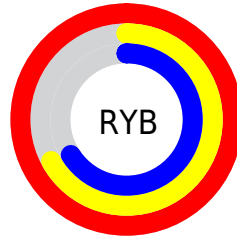
Distribution



Red (100%)

Green (67%)

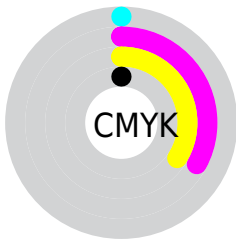
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

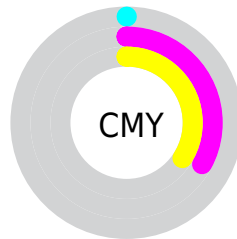


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8366, 0.3931, 0.3313 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 52.8366, 0.3931, 0.3313 by changing the saturation by 10% instead.


 52.8366, 0.3931,
0.3313

 52.8366, 0.3931,
0.3313

397.6579, 0.3533,
0.3313

 37.6723, 0.4028,
0.3310


 94.3639, 0.3788,
0.3315

 25.7285, 0.4152,
0.3304


 121.4957, 0.3734,
0.3316

 16.6206, 0.4314,
0.3293


153.3855, 0.3688,
0.3315

 9.9644, 0.4535,
0.3273

190.4177, 0.3648,
0.3315

 5.3753, 0.4852,
0.3234

232.9766, 0.3614,
0.3315

 2.4691, 0.5339,
0.3147

281.4467, 0.3584,

 0.8611, 0.6776,

0.3314

0.3224

336.2123, 0.3557,
0.3313

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8366, 0.3931,
0.3313

52.8366, 0.3931,
0.3313

43.4993, 0.4297,
0.3320

64.1257, 0.3630,
0.3306

36.0114, 0.4727,
0.3325

77.4782, 0.3388,
0.3299

30.2474, 0.5201,
0.3328

92.9864, 0.3195,
0.3292

26.0702, 0.5671,
0.3327

100.0000, 0.3127,
0.3290

■ 23.3214, 0.6065,
0.3321

■ 21.8105, 0.6313,
0.3311

■ 21.3848, 0.6390,
0.3308

Harmonies

Analogous

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



52.8366, 0.3588, 0.2967



52.8366, 0.3931, 0.3313



52.8366, 0.4037, 0.3676

Triad

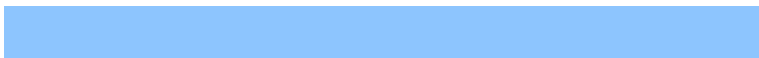
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8366, 0.3931, 0.3313



52.8366, 0.3073, 0.3995



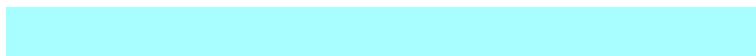
52.8366, 0.2405, 0.2597

Complementary

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



52.8366, 0.3931, 0.3313



85.8235, 0.2640, 0.3267

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.



52.8366, 0.2293, 0.2808



52.8366, 0.3931, 0.3313



52.8366, 0.2659, 0.3635

Square

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



52.8366, 0.3931, 0.3313



52.8366, 0.3521, 0.4114



52.8366, 0.2381, 0.3183



52.8366, 0.2700, 0.2567

Rectangle

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



52.8366, 0.3931, 0.3313



52.8366, 0.3959, 0.3890



52.8366, 0.2381, 0.3183



52.8366, 0.2346, 0.2647

Sweetspot

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



52.8336, 0.3931, 0.3313



83.5804, 0.3304, 0.3296



56.4029, 0.3178, 0.2453



17.4338, 0.3332, 0.3297



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.



52.8336, 0.3931, 0.3313



46.1958, 0.4176, 0.3318



71.6586, 0.3778, 0.3755



18.0526, 0.3294, 0.3296



11.2024, 0.6385, 0.3312



1.1128, 0.6348, 0.3342

Inverse Universe

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



85.8235, 0.2640, 0.3267



83.7724, 0.2559, 0.3262



61.6732, 0.2575, 0.2773



20.4070, 0.2980, 0.3284



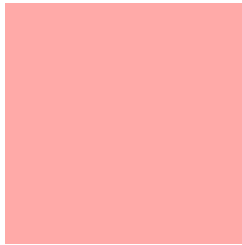
39.2874, 0.2227, 0.3219



3.8467, 0.2230, 0.3227

Previews

White Background



This preview shows how the Yxy color 52.8366, 0.3931, 0.3313 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 52.8366, 0.3931, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

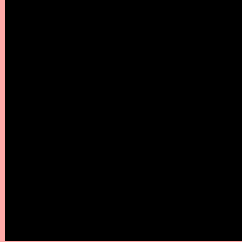
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8366, 0.3931, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 52.8366, 0.3931, 0.3313.



This preview shows how white text looks on a background with the Yxy color 52.8366, 0.3931, 0.3313.

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

52.8366, 0.3931, 0.3313

Protanopia

53.0961, 0.3285, 0.3451

Deuteranopia

52.7867, 0.3605, 0.3526



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

52.8366, 0.3931, 0.3313



Protanomaly

52.4362, 0.3504, 0.3397



Deuteranomaly

52.7193, 0.3718, 0.3451



Tritanomaly

52.7705, 0.3859, 0.3218

Monochromacy



Original Color

52.8366, 0.3931, 0.3313



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.3723, 0.3399, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8366, 0.3931, 0.3313 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, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 168) }
```

Border

The CSS property to change the border of an element to Yxy 52.8366, 0.3931, 0.3313 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, 170, 168) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8366, 0.3931, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 168) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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