

Converting Colors

Yxy(57.9945, 0.4145, 0.3252)

Have a look what the booklet for
Yxy(57.9945, 0.4145, 0.3252)
contains.

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Color

Yxy(52.2438, 0.3900, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8AC
RGB	255, 168, 172
RGB Percent	100%, 66%, 67%
CMY	0.0000, 0.3412, 0.3255
CMYK	0.00, 0.34, 0.33, 0.00
HSL	357°, 100%, 83%
HSV	357°, 34%, 100%
XYZ	62.6926, 52.2438, 45.8138
YIQ	194.4690, 50.5680, 19.6880

Conversions

Conversions Part 2

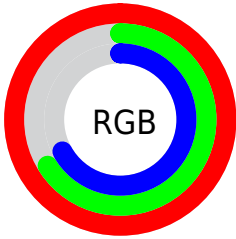
Format	Color
R _Y B	255, 168, 172
Decimal	16754860
CIE Lab	77.43, 32.54, 11.21
CIE LCh	77, 34.418, 19.012
Yxy	52.2438, 0.3900, 0.3250
Android (android.graphics.Color)	4294944940 (0xFFFFA8AC)
YUV	194.4690, -11.0772, 53.0857
Hunter-Lab	72.2799, 28.3337, 13.0156

Details

The Yxy color **52.2438, 0.3900, 0.3250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.8093, 0.2661, 0.3333**, and the grayscale version is **54.2854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1174, 0.3328, 0.3261**, and **25.3533, 0.4108, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **42.8834, 0.4253, 0.3239**, and if you desaturate by 10%, it is **63.6223, 0.3611, 0.3262**.

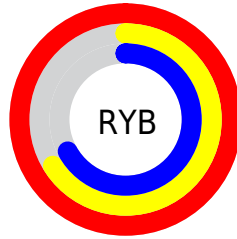
Distribution



Red (100%)

Green (66%)

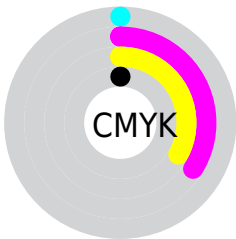
Blue (67%)



Red (100%)

Yellow (66%)

Blue (67%)

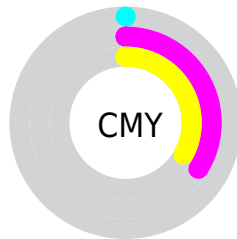


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2438, 0.3900, 0.3250 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 52.2438, 0.3900, 0.3250 by changing the saturation by 10% instead.


 52.2438, 0.3900,
0.3250


 52.2438, 0.3900,
0.3250


395.3771, 0.3517,
0.3279

 37.1994, 0.3994,
0.3240


 93.4907, 0.3762,
0.3262

 25.3619, 0.4113,
0.3227

 120.4620, 0.3710,
0.3266

 16.3469, 0.4270,
0.3206


152.1778, 0.3666,
0.3270

 9.7700, 0.4485,
0.3174

189.0224, 0.3628,
0.3272

 5.2467, 0.4794,
0.3119

231.3802, 0.3595,
0.3274

 2.3927, 0.5274,
0.3012

279.6357, 0.3566,

 0.8221, 0.6597,

0.3276

0.2997

334.1732, 0.3540,
0.3278

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2438, 0.3900,
0.3250

52.2438, 0.3900,
0.3250

42.8834, 0.4253,
0.3239

63.6223, 0.3611,
0.3262

35.4217, 0.4671,
0.3231

77.1255, 0.3378,
0.3274

29.7295, 0.5135,
0.3229

92.8544, 0.3192,
0.3286

25.6605, 0.5603,
0.3235

100.0000, 0.3127,
0.3290

■ 23.0452, 0.6008,
0.3250

■ 21.6765, 0.6279,
0.3272

■ 21.2859, 0.6368,
0.3282

Harmonies

Analogous

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



52.2438, 0.3521, 0.2909



52.2438, 0.3900, 0.3250



52.2438, 0.4053, 0.3621

Triad

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



52.2438, 0.3900, 0.3250



52.2438, 0.3150, 0.4048



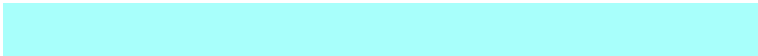
52.2438, 0.2361, 0.2609

Complementary

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



52.2438, 0.3900, 0.3250



86.8093, 0.2661, 0.3333

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.



52.2438, 0.2281, 0.2853



52.2438, 0.3900, 0.3250



52.2438, 0.2715, 0.3715

Square

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



52.2438, 0.3900, 0.3250



52.2438, 0.3599, 0.4121



52.2438, 0.2404, 0.3257



52.2438, 0.2631, 0.2549

Rectangle

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



52.2438, 0.3900, 0.3250



52.2438, 0.4003, 0.3848



52.2438, 0.2404, 0.3257



52.2438, 0.2312, 0.2670

Sweetspot

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



52.2443, 0.3900, 0.3250



83.3269, 0.3297, 0.3279



55.6696, 0.3132, 0.2431



17.3732, 0.3324, 0.3277



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.



52.2443, 0.3900, 0.3250



45.5922, 0.4136, 0.3242



68.7856, 0.3798, 0.3697



18.0006, 0.3287, 0.3279



11.1281, 0.6354, 0.3274



1.0881, 0.6245, 0.3214

Inverse Universe

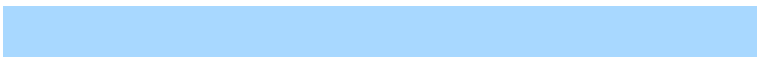
The Inverse Universe completely reimagines the original color for something new.



52.2443, 0.3900, 0.3250



45.5922, 0.4136, 0.3242



64.5798, 0.2583, 0.2841



18.0006, 0.3287, 0.3279



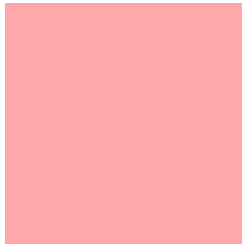
11.1281, 0.6354, 0.3274



1.0881, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 52.2438, 0.3900, 0.3250 looks on a white background.

Color Contrast Check

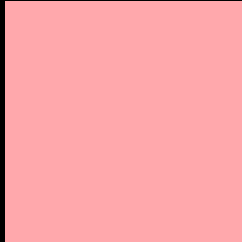
Large Text (above 18pt) WCAG AA × Fail

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 52.2438, 0.3900, 0.3250 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 52.2438, 0.3900, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 52.2438, 0.3900, 0.3250.



This preview shows how white text looks on a background with the Yxy color 52.2438, 0.3900, 0.3250.

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

52.2438, 0.3900, 0.3250

Protanopia

52.5926, 0.3230, 0.3377

Deuteranopia

52.4679, 0.3544, 0.3481



Tritanopia

52.1927, 0.3827, 0.3155

Trichromacy



Original Color

52.2438, 0.3900, 0.3250



Protanomaly

52.0677, 0.3455, 0.3326



Deuteranomaly

52.1314, 0.3668, 0.3394



Tritanomaly

52.0718, 0.3855, 0.3187

Monochromacy



Original Color

52.2438, 0.3900, 0.3250



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.8420, 0.3384, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2438, 0.3900, 0.3250 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, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 172)  
}
```

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, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 172) }
```

Border

The CSS property to change the border of an element to Yxy 52.2438, 0.3900, 0.3250 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, 168, 172) }
```

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

```
.border{ border-color:rgb(255, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2438, 0.3900, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 172) }
```

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

```
.background{ background-color: rgb(255,  
168, 172) }
```

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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