

Converting Colors

Yxy(55.1697, 0.4272, 0.3222)

Have a look what the booklet for
Yxy(55.1697, 0.4272, 0.3222)
contains.

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Color

Yxy(48.4669, 0.3995, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA6
RGB	255, 158, 166
RGB Percent	100%, 62%, 65%
CMY	0.0000, 0.3804, 0.3490
CMYK	0.00, 0.38, 0.35, 0.00
HSL	355°, 100%, 81%
HSV	355°, 38%, 100%
XYZ	60.3570, 48.4669, 42.2575
YIQ	187.9150, 55.2440, 23.0520

Conversions

Conversions Part 2

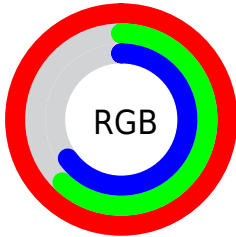
Format	Color
R _Y B	255, 158, 166
Decimal	16752294
CIE Lab	75.12, 37.02, 11.22
CIE LCh	75, 38.677, 16.857
Yxy	48.4669, 0.3995, 0.3208
Android (android.graphics.Color)	4294942374 (0xFFFF9EA6)
YUV	187.9150, -10.8041, 58.8335
Hunter-Lab	69.6182, 32.9227, 12.7444

Details

The Yxy color **48.4669, 0.3995, 0.3208** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5023, 0.2633, 0.3378**, and the grayscale version is **50.2752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5736, 0.3383, 0.3220**, and **23.0538, 0.4247, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **39.8683, 0.4358, 0.3189**, and if you desaturate by 10%, it is **59.0224, 0.3694, 0.3230**.

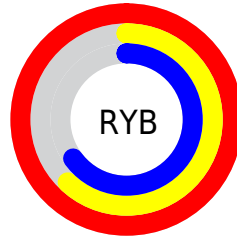
Distribution



Red (100%)

Green (62%)

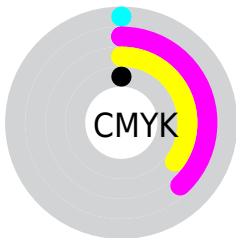
Blue (65%)



Red (100%)

Yellow (62%)

Blue (65%)

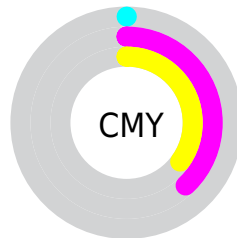


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4669, 0.3995, 0.3208 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 48.4669, 0.3995, 0.3208 by changing the saturation by 10% instead.


 48.4669, 0.3995,
0.3208


 48.4669, 0.3995,
0.3208


380.6398, 0.3560,
0.3260

 34.1968, 0.4103,
0.3192

 87.8992, 0.3837,
0.3229

 23.0448, 0.4242,
0.3170


 113.8301, 0.3778,
0.3236

 14.6266, 0.4424,
0.3138

144.4168, 0.3728,
0.3242

 8.5577, 0.4677,
0.3088

180.0436, 0.3684,
0.3247

 4.4539, 0.5044,
0.3004

221.0949, 0.3647,
0.3251

 1.9305, 0.5620,
0.2846

267.9551, 0.3614,

 0.5666, 0.7380,

0.3254

0.2620

321.0086, 0.3586,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4669, 0.3995,
0.3208

48.4669, 0.3995,
0.3208

39.8683, 0.4358,
0.3189

59.0224, 0.3694,
0.3230

33.1114, 0.4781,
0.3176

71.6512, 0.3451,
0.3252

28.0600, 0.5241,
0.3175

86.4537, 0.3255,
0.3274

24.5615, 0.5690,
0.3188

100.0000, 0.3127,
0.3290

■ 22.4360, 0.6063,
0.3218

■ 21.4415, 0.6301,
0.3257

■ 21.3145, 0.6333,
0.3262

Harmonies

Analogous

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



48.4669, 0.3541, 0.2830



48.4669, 0.3995, 0.3208



48.4669, 0.4192, 0.3627

Triad

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



48.4669, 0.3995, 0.3208



48.4669, 0.3185, 0.4191



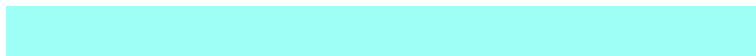
48.4669, 0.2241, 0.2524

Complementary

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



48.4669, 0.3995, 0.3208



85.5023, 0.2633, 0.3378

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.



48.4669, 0.2167, 0.2810



48.4669, 0.3995, 0.3208



48.4669, 0.2683, 0.3819

Square

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



48.4669, 0.3995, 0.3208



48.4669, 0.3696, 0.4242



48.4669, 0.2319, 0.3284



48.4669, 0.2530, 0.2446

Rectangle

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



48.4669, 0.3995, 0.3208



48.4669, 0.4146, 0.3892



48.4669, 0.2319, 0.3284



48.4669, 0.2192, 0.2596

Sweetspot

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



48.4650, 0.3995, 0.3208



81.8431, 0.3309, 0.3268



51.4302, 0.3105, 0.2328



17.0795, 0.3334, 0.3265



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.



48.4650, 0.3995, 0.3208



41.4702, 0.4279, 0.3193



64.3054, 0.3909, 0.3713



18.0114, 0.3281, 0.3271



11.1457, 0.6313, 0.3251



1.0932, 0.6129, 0.3150

Inverse Universe

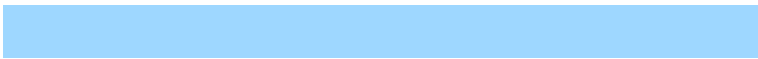
The Inverse Universe completely reimagines the original color for something new.



48.4650, 0.3995, 0.3208



41.4702, 0.4279, 0.3193



62.8758, 0.2527, 0.2820



18.0114, 0.3281, 0.3271



11.1457, 0.6313, 0.3251



1.0932, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 48.4669, 0.3995, 0.3208 looks on a white background.

Color Contrast Check

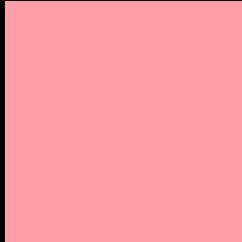
Large Text (above 18pt) WCAG AA × Fail

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 48.4669, 0.3995, 0.3208 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 48.4669, 0.3995, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 48.4669, 0.3995, 0.3208.



This preview shows how white text looks on a background with the Yxy color 48.4669, 0.3995, 0.3208.

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

48.4669, 0.3995, 0.3208

Protanopia

48.9404, 0.3209, 0.3354

Deuteranopia

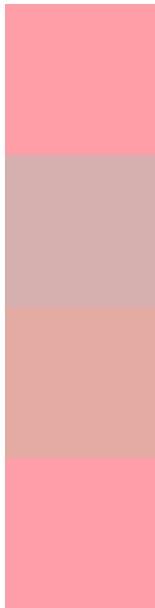
48.8459, 0.3566, 0.3498



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.4669, 0.3995, 0.3208

Protanomaly

48.0512, 0.3479, 0.3291

Deuteranomaly

48.2641, 0.3729, 0.3385

Tritanomaly

48.5409, 0.3975, 0.3187

Monochromacy



Original Color

48.4669, 0.3995, 0.3208

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.7366, 0.3413, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4669, 0.3995, 0.3208 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, 158, 166)` looks like.

```
.text, #text, p{  
  color:rgb(255, 158, 166)  
}
```

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, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 166) }
```

Border

The CSS property to change the border of an element to Yxy 48.4669, 0.3995, 0.3208 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, 158, 166) }
```

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

```
.border{ border-color:rgb(255, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4669, 0.3995, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 166) }
```

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

```
.background{ background-color: rgb(255,  
158, 166) }
```

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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