

Converting Colors

$Y_{xy}(48.9483, 0.3963, 0.3195)$

Have a look what the booklet for
Yxy(48.9483, 0.3963, 0.3195)
contains.

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Color

Yxy(48.9208, 0.3961, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FA9
RGB	255, 159, 169
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3765, 0.3372
CMYK	0.00, 0.38, 0.34, 0.00
HSL	354°, 100%, 81%
HSV	354°, 38%, 100%
XYZ	60.8018, 48.9208, 43.7785
YIQ	188.8440, 54.0060, 23.4620

Conversions

Conversions Part 2

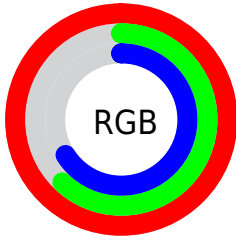
Format	Color
R_{YB}	255, 159, 169
Decimal	16752553
CIE _{Lab}	75.40, 36.85, 9.97
CIE _{LCh}	75, 38.172, 15.148
Yxy	48.9208, 0.3961, 0.3187
Android (android.graphics.Color)	4294942633 (0xFFFF9FA9)
YUV	188.8440, -9.7831, 58.0188
Hunter-Lab	69.9434, 32.7690, 11.8500

Details

The Yxy color **48.9208, 0.3961, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4833, 0.2647, 0.3400**, and the grayscale version is **50.8295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2427, 0.3360, 0.3200**, and **23.3282, 0.4198, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **40.2535, 0.4313, 0.3162**, and if you desaturate by 10%, it is **59.5493, 0.3670, 0.3215**.

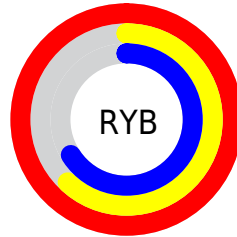
Distribution



Red (100%)

Green (62%)

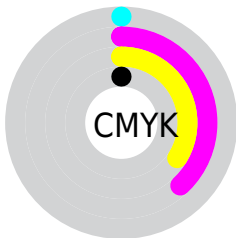
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

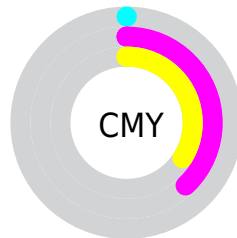


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9208, 0.3961, 0.3187 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 48.9208, 0.3961, 0.3187 by changing the saturation by 10% instead.


 48.9208, 0.3961,
0.3187


 48.9208, 0.3961,
0.3187


382.4304, 0.3544,
0.3248

 34.5567, 0.4065,
0.3169


 88.5738, 0.3810,
0.3211

 23.3216, 0.4197,
0.3145


 114.6315, 0.3753,
0.3219

 14.8311, 0.4372,
0.3111


145.3558, 0.3705,
0.3226

 8.7010, 0.4613,
0.3059

181.1311, 0.3663,
0.3232

 4.5466, 0.4964,
0.2974

222.3418, 0.3628,
0.3237

 1.9838, 0.5516,
0.2818

269.3723, 0.3596,

 0.5980, 0.7323,

0.3241

0.2677

322.6071, 0.3569,
0.3244

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.9208, 0.3961,
0.3187

■ 48.9208, 0.3961,
0.3187

■ 40.2535, 0.4313,
0.3162

■ 59.5493, 0.3670,
0.3215

■ 33.4239, 0.4723,
0.3145

■ 72.2450, 0.3435,
0.3243

■ 28.3002, 0.5174,
0.3141

■ 87.1106, 0.3246,
0.3270

■ 24.7315, 0.5621,
0.3155

100.0000, 0.3127,
0.3290

■ 22.5404, 0.6003,
0.3189

■ 21.4944, 0.6262,
0.3238

■ 21.3372, 0.6305,
0.3247

Harmonies

Analogous

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



48.9208, 0.3504, 0.2819



48.9208, 0.3961, 0.3187



48.9208, 0.4172, 0.3600

Triad

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



48.9208, 0.3961, 0.3187



48.9208, 0.3214, 0.4187



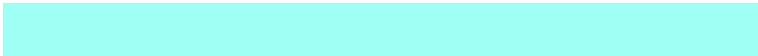
48.9208, 0.2244, 0.2546

Complementary

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



48.9208, 0.3961, 0.3187



85.4833, 0.2647, 0.3400

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.



48.9208, 0.2183, 0.2841



48.9208, 0.3961, 0.3187



48.9208, 0.2715, 0.3837

Square

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



48.9208, 0.3961, 0.3187



48.9208, 0.3714, 0.4220



48.9208, 0.2347, 0.3315



48.9208, 0.2517, 0.2457

Rectangle

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



48.9208, 0.3961, 0.3187



48.9208, 0.4139, 0.3863



48.9208, 0.2347, 0.3315



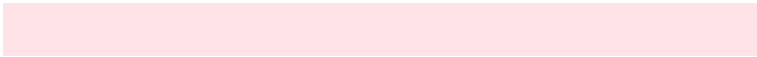
48.9208, 0.2199, 0.2621

Sweetspot

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



48.9221, 0.3961, 0.3187



81.8769, 0.3305, 0.3262



51.2145, 0.3079, 0.2330



17.0875, 0.3330, 0.3258



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.



48.9221, 0.3961, 0.3187



42.3633, 0.4214, 0.3168



63.1537, 0.3911, 0.3676



18.0178, 0.3278, 0.3266



11.1591, 0.6282, 0.3234



1.0962, 0.6063, 0.3114

Inverse Universe

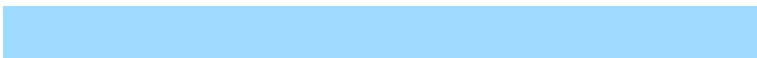
The Inverse Universe completely reimagines the original color for something new.



48.9221, 0.3961, 0.3187



42.3633, 0.4214, 0.3168



64.8383, 0.2538, 0.2864



18.0178, 0.3278, 0.3266



11.1591, 0.6282, 0.3234



1.0962, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 48.9208, 0.3961, 0.3187 looks on a white background.

Color Contrast Check

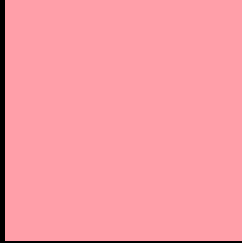
Large Text (above 18pt) WCAG AA × Fail

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 48.9208, 0.3961, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

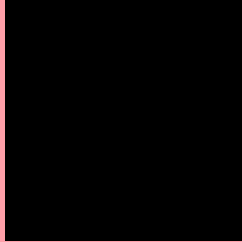
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9208, 0.3961, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 48.9208, 0.3961, 0.3187.



This preview shows how white text looks on a background with the Yxy color 48.9208, 0.3961, 0.3187.

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

48.9208, 0.3961, 0.3187

Protanopia

49.0640, 0.3185, 0.3316

Deuteranopia

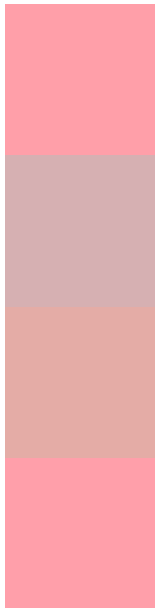
48.9539, 0.3540, 0.3461



Tritanopia

48.9965, 0.3941, 0.3166

Trichromacy



Original Color

48.9208, 0.3961, 0.3187

Protanomaly

48.5612, 0.3451, 0.3267

Deuteranomaly

48.7522, 0.3698, 0.3361

Tritanomaly

48.9586, 0.3951, 0.3177

Monochromacy



Original Color

48.9208, 0.3961, 0.3187

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.3643, 0.3403, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9208, 0.3961, 0.3187 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, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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(255, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.9208, 0.3961, 0.3187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

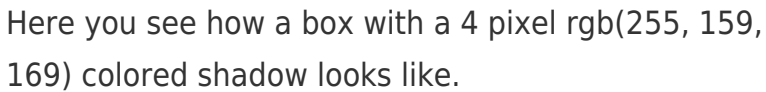
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 159, 169) }
```

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

```
.border{ border-color:rgb(255, 159, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 169); box-shadow:4px 4px 4px 4px rgb(255, 159, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9208, 0.3961, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 169) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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