

Converting Colors

$Yxy(48.5813, 0.3963, 0.3195)$

Have a look what the booklet for
Yxy(48.5813, 0.3963, 0.3195)
contains.

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Color

Yxy(48.6943, 0.3962, 0.3197)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FE9FA8 |
| RGB | 254, 159, 168 |
| RGB Percent | 100%, 62%, 66% |
| CMY | 0.0038, 0.3765, 0.3411 |
| CMYK | 0.00, 0.37, 0.34, 0.00 |
| HSL | 354°, 98%, 81% |
| HSV | 354°, 37%, 100% |
| XYZ | 60.3462, 48.6943, 43.2720 |
| YIQ | 188.4310, 53.7310, 22.9390 |

Conversions

Conversions Part 2

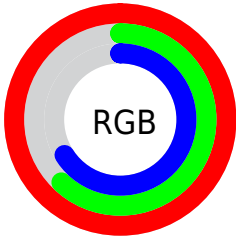
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 254, 159, 168 |
| Decimal | 16687016 |
| CIELab | 75.26, 36.38, 10.30 |
| CIELCh | 75, 37.807, 15.814 |
| Yxy | 48.6943, 0.3962, 0.3197 |
| Android (android.graphics.Color) | 4294877096 (0xFFFE9FA8) |
| YUV | 188.4310, -10.0725, 57.5040 |
| Hunter-Lab | 69.7813, 32.2478, 12.0807 |

Details

The Yxy color **48.6943, 0.3962, 0.3197** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.8602, 0.2645, 0.3390**, and the grayscale version is **50.5845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1886, 0.3367, 0.3210**, and **23.1711, 0.4200, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **40.0575, 0.4316, 0.3175**, and if you desaturate by 10%, it is **59.2823, 0.3670, 0.3222**.

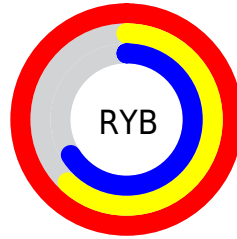
Distribution



Red (100%)

Green (62%)

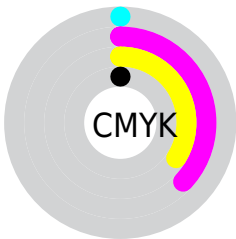
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

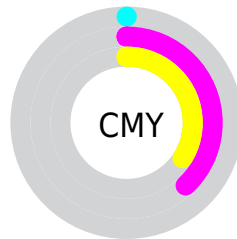


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6943, 0.3962, 0.3197 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 48.6943, 0.3962, 0.3197 by changing the saturation by 10% instead.


 48.6943, 0.3962,
0.3197


 48.6943, 0.3962,
0.3197

381.5376, 0.3544,
0.3253

 34.3770, 0.4066,
0.3180


 88.2373, 0.3810,
0.3219

 23.1834, 0.4199,
0.3158


 114.2317, 0.3753,
0.3227

 14.7290, 0.4374,
0.3125


144.8874, 0.3705,
0.3233

 8.6294, 0.4617,
0.3075

180.5887, 0.3664,
0.3239

 4.5003, 0.4970,
0.2992

221.7200, 0.3628,
0.3243

 1.9572, 0.5526,
0.2839

268.6656, 0.3596,

 0.5824, 0.7326,

0.3247

0.2674

321.8100, 0.3569,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6943, 0.3962,
0.3197

48.6943, 0.3962,
0.3197

40.0575, 0.4316,
0.3175

59.2823, 0.3670,
0.3222

33.2460, 0.4730,
0.3159

71.9231, 0.3433,
0.3248

28.1306, 0.5183,
0.3155

86.7197, 0.3243,
0.3273

24.5620, 0.5633,
0.3169

99.8150, 0.3121,
0.3290

■ 22.3647, 0.6016,
0.3200

■ 21.3119, 0.6271,
0.3245

■ 21.1414, 0.6317,
0.3254

Harmonies

Analogous

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



48.6943, 0.3513, 0.2829



48.6943, 0.3962, 0.3197



48.6943, 0.4165, 0.3608

Triad

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



48.6943, 0.3962, 0.3197



48.6943, 0.3203, 0.4175



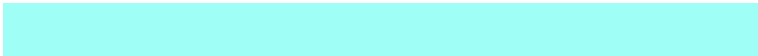
48.6943, 0.2254, 0.2547

Complementary

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



48.6943, 0.3962, 0.3197



84.8602, 0.2645, 0.3390

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.



48.6943, 0.2189, 0.2836



48.6943, 0.3962, 0.3197



48.6943, 0.2709, 0.3822

Square

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



48.6943, 0.3962, 0.3197



48.6943, 0.3700, 0.4215



48.6943, 0.2347, 0.3303



48.6943, 0.2530, 0.2464

Rectangle

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



48.6943, 0.3962, 0.3197



48.6943, 0.4128, 0.3868



48.6943, 0.2347, 0.3303



48.6943, 0.2208, 0.2621

Sweetspot

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



48.6967, 0.3962, 0.3197



81.8623, 0.3306, 0.3264



51.2772, 0.3093, 0.2340



17.0840, 0.3332, 0.3261



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.



48.6967, 0.3962, 0.3197



42.3285, 0.4225, 0.3180



63.5125, 0.3898, 0.3690



18.0151, 0.3279, 0.3268



11.1530, 0.6296, 0.3242



1.0949, 0.6091, 0.3129

Inverse Universe

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



48.6967, 0.3962, 0.3197



42.3285, 0.4225, 0.3180



63.6444, 0.2539, 0.2848



18.0151, 0.3279, 0.3268



11.1530, 0.6296, 0.3242



1.0949, 0.6091, 0.3129

Previews

White Background



This preview shows how the Yxy color 48.6943, 0.3962, 0.3197 looks on a white background.

Color Contrast Check

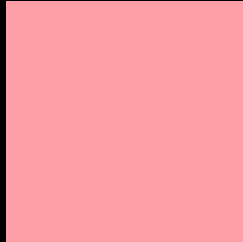
Large Text (above 18pt) WCAG AA × Fail

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 48.6943, 0.3962, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

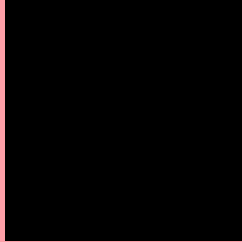
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6943, 0.3962, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 48.6943, 0.3962, 0.3197.



This preview shows how white text looks on a background with the Yxy color 48.6943, 0.3962, 0.3197.

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

48.6943, 0.3962, 0.3197

Protanopia

49.0225, 0.3193, 0.3328

Deuteranopia

48.7694, 0.3540, 0.3474



Tritanopia

48.7694, 0.3942, 0.3176

Trichromacy



Original Color

48.6943, 0.3962, 0.3197



Protanomaly

48.3711, 0.3450, 0.3279



Deuteranomaly

48.5526, 0.3698, 0.3373



Tritanomaly

48.7317, 0.3952, 0.3187

Monochromacy



Original Color

48.6943, 0.3962, 0.3197



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.7775, 0.3405, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6943, 0.3962, 0.3197 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(254, 159, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 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(254, 159, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.6943, 0.3962, 0.3197 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(254, 159, 168) }
```

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

```
.border{ border-color:rgb(254, 159, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6943, 0.3962, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 168) }
```

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

```
.background{ background-color: rgb(254,  
159, 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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