

Converting Colors

$Y_{xy}(48.1264, 0.3966, 0.3197)$

Have a look what the booklet for
Yxy(48.1264, 0.3966, 0.3197)
contains.

Yxy(48.1264, 0.3966, 0.3197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.1264, 0.3966, 0.3197)

Conversions

Conversions Part 1	
Format	Color
Hex	FD9EA7
RGB	253, 158, 167
RGB Percent	99%, 62%, 65%
CMY	0.0080, 0.3803, 0.3451
CMYK	0.00, 0.38, 0.34, 0.01
HSL	354°, 96%, 81%
HSV	354°, 38%, 99%
XYZ	59.7026, 48.1264, 42.7071
YIQ	187.4310, 53.7310, 22.9390

Conversions

Conversions Part 2

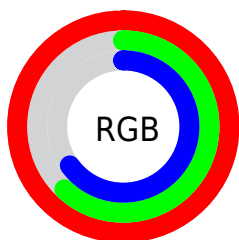
Format	Color
RYB	253, 158, 167
Decimal	16621223
CIELab	74.90, 36.38, 10.33
CIELCh	75, 37.817, 15.854
Yxy	48.1264, 0.3966, 0.3197
Android (android.graphics.Color)	4294811303 (0xFFFD9EA7)
YUV	187.4310, -10.0725, 57.5040
Hunter-Lab	69.3732, 32.2142, 12.0615

Details

The Yxy color $48.1264, 0.3966, 0.3197$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $84.0335, 0.2644, 0.3390$, and the grayscale version is $49.9877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.6271, 0.3375, 0.3210$, and $22.8103, 0.4208, 0.3158$ is the 20% darker color. If you saturate the color by 10%, you get $39.5939, 0.4321, 0.3175$, and if you desaturate by 10%, it is $58.5897, 0.3673, 0.3222$.

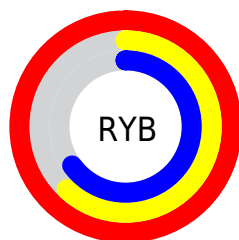
Distribution



Red (99%)

Green (62%)

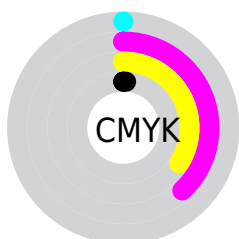
Blue (65%)



Red (99%)

Yellow (62%)

Blue (65%)

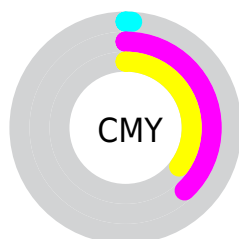


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1264, 0.3966, 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 48.1264, 0.3966, 0.3197 by changing the saturation by 10% instead.


 48.1264, 0.3966,
0.3197


 48.1264, 0.3966,
0.3197


379.2929, 0.3545,
0.3253

 33.9270, 0.4071,
0.3180


 87.3926, 0.3813,
0.3219

 22.8375, 0.4205,
0.3157


 113.2281, 0.3756,
0.3227

 14.4736, 0.4383,
0.3124


143.7112, 0.3707,
0.3234

 8.4508, 0.4628,
0.3073

179.2262, 0.3665,
0.3239

 4.3847, 0.4987,
0.2989

220.1574, 0.3629,
0.3243

 1.8910, 0.5553,
0.2832


266.8894, 0.3598,


 0.5430, 0.7392,

0.3247

0.2608


319.8064, 0.3570,
0.3250

 0.0000, 1.0000,
0.0000

 0.0000, 0.0000,
0.0000

 48.1264, 0.3966,
0.3197


 48.1264, 0.3966,
0.3197


 39.5939, 0.4321,
0.3175


 58.5897, 0.3673,
0.3222

 32.8675, 0.4735,
0.3159

 71.0845, 0.3436,
0.3248

 27.8190, 0.5189,
0.3156

 85.7129, 0.3245,
0.3273

 24.3005, 0.5639,
0.3169

99.6170, 0.3115,
0.3290

■ 22.1378, 0.6020,
0.3201

■ 21.1042, 0.6274,
0.3246

■ 20.9428, 0.6317,
0.3254

Harmonies

Analogous

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



48.1264, 0.3515, 0.2828



48.1264, 0.3966, 0.3197



48.1264, 0.4170, 0.3609

Triad

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



48.1264, 0.3966, 0.3197



48.1264, 0.3202, 0.4178



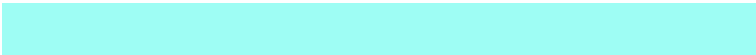
48.1264, 0.2251, 0.2544

Complementary

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



48.1264, 0.3966, 0.3197



84.0335, 0.2644, 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.



48.1264, 0.2186, 0.2833



48.1264, 0.3966, 0.3197



48.1264, 0.2707, 0.3824

Square

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



48.1264, 0.3966, 0.3197



48.1264, 0.3701, 0.4219



48.1264, 0.2343, 0.3302



48.1264, 0.2529, 0.2460

Rectangle

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



48.1264, 0.3966, 0.3197



48.1264, 0.4132, 0.3870



48.1264, 0.2343, 0.3302



48.1264, 0.2205, 0.2618

Sweetspot

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



48.1287, 0.3966, 0.3197



81.8619, 0.3306, 0.3264



50.6906, 0.3092, 0.2337



17.0839, 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.



48.1287, 0.3966, 0.3197



42.3274, 0.4226, 0.3180



62.8269, 0.3901, 0.3691



18.0150, 0.3279, 0.3268



11.1528, 0.6296, 0.3242



1.0949, 0.6092, 0.3130

Inverse Universe

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



48.1287, 0.3966, 0.3197



42.3274, 0.4226, 0.3180



62.9575, 0.2538, 0.2846



18.0150, 0.3279, 0.3268



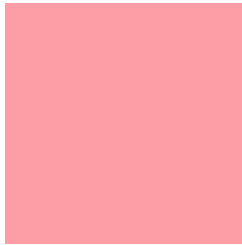
11.1528, 0.6296, 0.3242



1.0949, 0.6092, 0.3130

Previews

White Background



This preview shows how the Yxy color 48.1264, 0.3966, 0.3197 looks on a white background.

Color Contrast Check

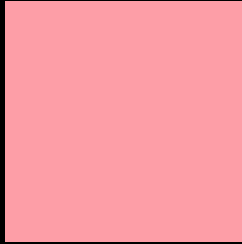
Large Text (above 18pt) WCAG AA × Fail

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 48.1264, 0.3966, 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 48.1264, 0.3966, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 48.1264, 0.3966, 0.3197.



This preview shows how white text looks on a background with the Yxy color 48.1264, 0.3966, 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

48.1264, 0.3966, 0.3197

Protanopia

48.4360, 0.3193, 0.3328

Deuteranopia

48.1868, 0.3542, 0.3475



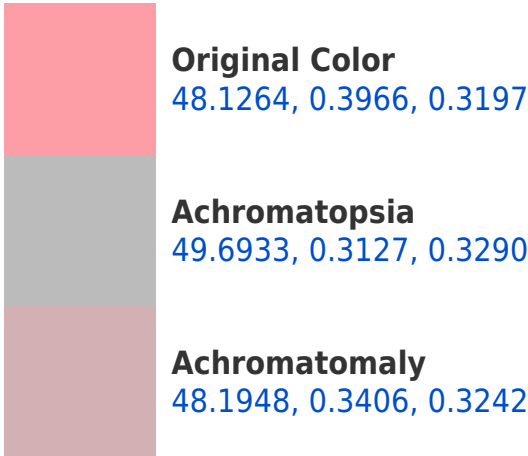
Tritanopia

48.2009, 0.3946, 0.3176

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1264, 0.3966, 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(253, 158, 167) looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 167)  
}
```

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(253, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 167) }
```

Border

The CSS property to change the border of an element to Yxy 48.1264, 0.3966, 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(253, 158, 167) }
```

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

```
.border{ border-color:rgb(253, 158, 167) }
```

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

Here you see how a box with a 4 pixel rgb(253, 158, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1264, 0.3966, 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(253, 158, 167) }
```

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

```
.background{ background-color: rgb(253,  
158, 167) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor