

Converting Colors

$Yxy(48.6591, 0.3885, 0.3102)$

Have a look what the booklet for
Yxy(48.6591, 0.3885, 0.3102)
contains.

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Color

Yxy(48.6591, 0.3885, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	FE9EB0
RGB	254, 158, 176
RGB Percent	100%, 62%, 69%
CMY	0.0039, 0.3804, 0.3097
CMYK	0.00, 0.38, 0.31, 0.00
HSL	349°, 98%, 81%
HSV	349°, 38%, 100%
XYZ	60.9415, 48.6591, 47.2630
YIQ	188.7560, 51.4380, 25.9500

Conversions

Conversions Part 2

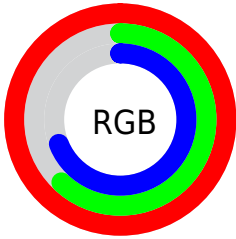
Format	Color
RYB	254, 158, 176
Decimal	16686768
CIELab	75.24, 37.88, 5.88
CIELCh	75, 38.333, 8.818
Yxy	48.6591, 0.3885, 0.3102
Android (android.graphics.Color)	4294876848 (0xFFFE9EB0)
YUV	188.7560, -6.2887, 57.2190
Hunter-Lab	69.7561, 33.8712, 8.6575

Details

The Yxy color **48.6591, 0.3885, 0.3102** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2173, 0.2683, 0.3493**, and the grayscale version is **50.7585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1793, 0.3304, 0.3111**, and **23.1605, 0.4091, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **40.1175, 0.4201, 0.3056**, and if you desaturate by 10%, it is **59.1203, 0.3623, 0.3153**.

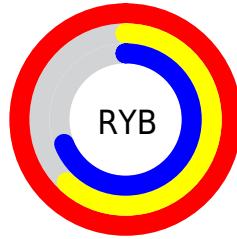
Distribution



Red (100%)

Green (62%)

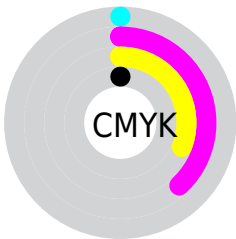
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

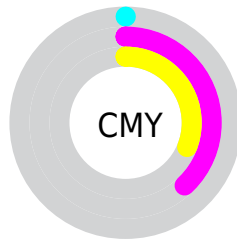


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6591, 0.3885, 0.3102 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 48.6591, 0.3885, 0.3102 by changing the saturation by 10% instead.


 48.6591, 0.3885,
0.3102


 48.6591, 0.3885,
0.3102


381.3987, 0.3507,
0.3201

 34.3491, 0.3979,
0.3076


 88.1849, 0.3748,
0.3139

 23.1619, 0.4099,
0.3042


 114.1696, 0.3696,
0.3153

 14.7131, 0.4257,
0.2996


144.8146, 0.3653,
0.3164

 8.6183, 0.4476,
0.2929

180.5043, 0.3615,
0.3174

 4.4931, 0.4797,
0.2827

221.6232, 0.3583,
0.3182

 1.9530, 0.5304,
0.2653

268.5557, 0.3554,

 0.5800, 0.6731,

0.3189

0.2368

321.6860, 0.3529,
0.3195

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6591, 0.3885,
0.3102

48.6591, 0.3885,
0.3102

40.1175, 0.4201,
0.3056

59.1203, 0.3623,
0.3153

33.3716, 0.4572,
0.3020

71.6009, 0.3410,
0.3205

28.2944, 0.4983,
0.3005

86.2021, 0.3238,
0.3254

24.7388, 0.5406,
0.3019

99.8135, 0.3121,
0.3290

■ 22.5320, 0.5793,
0.3066

■ 21.4447, 0.6092,
0.3143

■ 21.2843, 0.6145,
0.3159

Harmonies

Analogous

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



48.6591, 0.3393, 0.2750



48.6591, 0.3885, 0.3102



48.6591, 0.4160, 0.3514

Triad

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



48.6591, 0.3885, 0.3102



48.6591, 0.3325, 0.4227



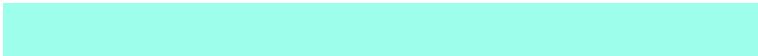
48.6591, 0.2208, 0.2587

Complementary

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



48.6591, 0.3885, 0.3102



84.2173, 0.2683, 0.3493

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.



48.6591, 0.2194, 0.2926



48.6591, 0.3885, 0.3102



48.6591, 0.2812, 0.3937

Square

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



48.6591, 0.3885, 0.3102



48.6591, 0.3809, 0.4193



48.6591, 0.2405, 0.3428



48.6591, 0.2439, 0.2455

Rectangle

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



48.6591, 0.3885, 0.3102



48.6591, 0.4171, 0.3785



48.6591, 0.2405, 0.3428



48.6591, 0.2178, 0.2677

Sweetspot

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



48.6615, 0.3885, 0.3102



82.0092, 0.3289, 0.3238



49.2393, 0.3013, 0.2307



17.1188, 0.3312, 0.3232



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.



48.6615, 0.3885, 0.3102



42.6904, 0.4107, 0.3068



58.9988, 0.3948, 0.3595



18.0428, 0.3265, 0.3246



11.2355, 0.6111, 0.3140



1.1081, 0.5820, 0.2980

Inverse Universe

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



48.6615, 0.3885, 0.3102



42.6904, 0.4107, 0.3068



68.3890, 0.2550, 0.2958



18.0428, 0.3265, 0.3246



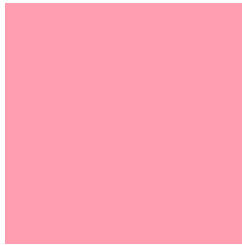
11.2355, 0.6111, 0.3140



1.1081, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 48.6591, 0.3885, 0.3102 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 48.6591, 0.3885, 0.3102 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 48.6591, 0.3885, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 48.6591, 0.3885, 0.3102.



This preview shows how white text looks on a background with the Yxy color 48.6591, 0.3885, 0.3102.

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

48.6591, 0.3885, 0.3102

Protanopia

49.0243, 0.3097, 0.3214

Deuteranopia

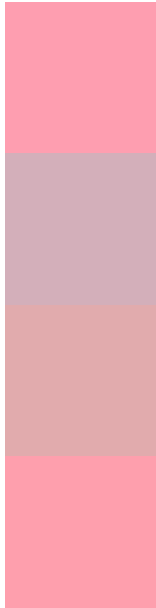
48.7741, 0.3452, 0.3377



Tritanopia

48.8074, 0.3932, 0.3166

Trichromacy



Original Color

48.6591, 0.3885, 0.3102

Protanomaly

48.0540, 0.3356, 0.3158

Deuteranomaly

48.1505, 0.3608, 0.3268

Tritanomaly

48.8842, 0.3912, 0.3144

Monochromacy



Original Color

48.6591, 0.3885, 0.3102

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.4476, 0.3386, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6591, 0.3885, 0.3102 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, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 176)  
}
```

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, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.6591, 0.3885, 0.3102 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, 158, 176) }
```

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

```
.border{ border-color:rgb(254, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6591, 0.3885, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 176) }
```

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

```
.background{ background-color: rgb(254,  
158, 176) }
```

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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