

Converting Colors

$Y_{xy}(48.7373, 0.3762, 0.3102)$

Have a look what the booklet for
Yxy(48.7373, 0.3762, 0.3102)
contains.

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Color

Yxy(48.7288, 0.3760, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2B4
RGB	246, 162, 180
RGB Percent	96%, 64%, 71%
CMY	0.0353, 0.3647, 0.2942
CMYK	0.00, 0.34, 0.27, 0.04
HSL	347°, 82%, 80%
HSV	347°, 34%, 96%
XYZ	59.1606, 48.7288, 49.4526
YIQ	189.1680, 44.2860, 23.4060

Conversions

Conversions Part 2

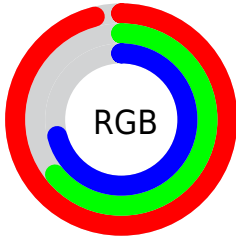
Format	Color
R _Y B	246, 162, 180
Decimal	16163508
CIE Lab	75.28, 33.45, 3.65
CIE LCh	75, 33.649, 6.224
Yxy	48.7288, 0.3760, 0.3097
Android (android.graphics.Color)	4294353588 (0xFFF6A2B4)
YUV	189.1680, -4.5198, 49.8417
Hunter-Lab	69.8060, 29.1181, 6.8615

Details

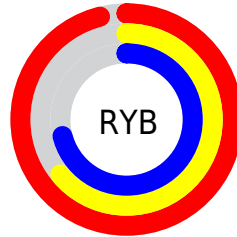
The Yxy color **48.7288, 0.3760, 0.3097** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1937, 0.2731, 0.3496**, and the grayscale version is **50.9982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4589, 0.3272, 0.3112**, and **23.1610, 0.3944, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **40.1612, 0.4044, 0.3041**, and if you desaturate by 10%, it is **59.1061, 0.3526, 0.3156**.

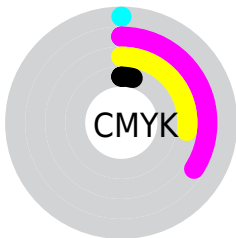
Distribution



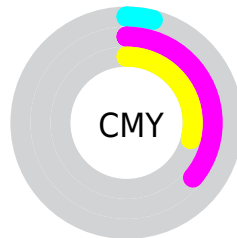
- Red (96%)
- Green (64%)
- Blue (71%)



- Red (96%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7288, 0.3760, 0.3097 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 48.7288, 0.3760, 0.3097 by changing the saturation by 10% instead.


 48.7288, 0.3760,
0.3097


 48.7288, 0.3760,
0.3097

381.6737, 0.3445,
0.3196

 34.4044, 0.3838,
0.3072


 88.2885, 0.3646,
0.3133

 23.2044, 0.3938,
0.3039


 114.2926, 0.3603,
0.3147

 14.7445, 0.4071,
0.2995


144.9588, 0.3566,
0.3158

 8.6403, 0.4254,
0.2932

180.6713, 0.3535,
0.3168

 4.5073, 0.4523,
0.2838

221.8147, 0.3508,
0.3176

 1.9612, 0.4954,
0.2681

268.7733, 0.3484,

 0.5848, 0.6068,

0.3184

0.2379

321.9315, 0.3463,
0.3190

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7288, 0.3760,
0.3097

48.7288, 0.3760,
0.3097

40.1612, 0.4044,
0.3041

59.1061, 0.3526,
0.3156

33.2925, 0.4382,
0.2994

71.3816, 0.3336,
0.3214

28.0106, 0.4766,
0.2965

85.6463, 0.3182,
0.3268

24.1869, 0.5177,
0.2964

98.3317, 0.3072,
0.3290

■ 21.6727, 0.5576,
0.2999

■ 20.2866, 0.5916,
0.3070

■ 19.8451, 0.6075,
0.3120

Harmonies

Analogous

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



48.7288, 0.3322, 0.2788



48.7288, 0.3760, 0.3097



48.7288, 0.4022, 0.3464

Triad

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



48.7288, 0.3760, 0.3097



48.7288, 0.3347, 0.4114



48.7288, 0.2302, 0.2691

Complementary

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



48.7288, 0.3760, 0.3097



79.1937, 0.2731, 0.3496

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.



48.7288, 0.2308, 0.3009



48.7288, 0.3760, 0.3097



48.7288, 0.2890, 0.3883

Square

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



48.7288, 0.3760, 0.3097



48.7288, 0.3763, 0.4072



48.7288, 0.2515, 0.3455



48.7288, 0.2494, 0.2552

Rectangle

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



48.7288, 0.3760, 0.3097



48.7288, 0.4050, 0.3706



48.7288, 0.2515, 0.3455



48.7288, 0.2281, 0.2778

Sweetspot

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



48.7311, 0.3760, 0.3097



83.5712, 0.3268, 0.3237



48.9596, 0.3016, 0.2402



17.4317, 0.3291, 0.3229



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.



48.7311, 0.3760, 0.3097



46.2263, 0.3952, 0.3058



57.2375, 0.3848, 0.3550



16.5405, 0.3260, 0.3240



10.6098, 0.6038, 0.3100



0.9470, 0.5700, 0.2914

Inverse Universe

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



48.7311, 0.3760, 0.3097



46.2263, 0.3952, 0.3058



66.6846, 0.2607, 0.3012



16.5405, 0.3260, 0.3240



10.6098, 0.6038, 0.3100



0.9470, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 48.7288, 0.3760, 0.3097 looks on a white background.

Color Contrast Check

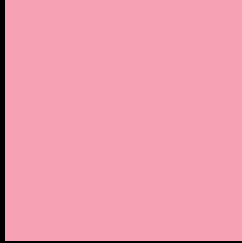
Large Text (above 18pt) WCAG AA × Fail

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 48.7288, 0.3760, 0.3097 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 48.7288, 0.3760, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 48.7288, 0.3760, 0.3097.



This preview shows how white text looks on a background with the Yxy color 48.7288, 0.3760, 0.3097.

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

48.7288, 0.3760, 0.3097

Protanopia

49.1130, 0.3082, 0.3189

Deuteranopia

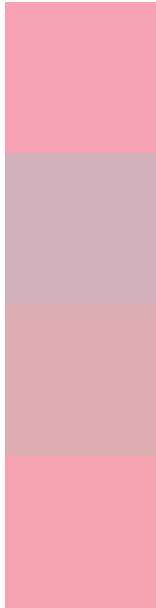
49.0822, 0.3389, 0.3327



Tritanopia

48.7020, 0.3796, 0.3161

Trichromacy



Original Color

48.7288, 0.3760, 0.3097

Protanomaly

48.4850, 0.3309, 0.3158

Deuteranomaly

48.4736, 0.3521, 0.3232

Tritanomaly

48.7812, 0.3777, 0.3139

Monochromacy



Original Color

48.7288, 0.3760, 0.3097

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.4870, 0.3341, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7288, 0.3760, 0.3097 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(246, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 180)  
}
```

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(246, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.7288, 0.3760, 0.3097 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(246, 162, 180) }
```

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

```
.border{ border-color:rgb(246, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7288, 0.3760, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 180) }
```

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

```
.background{ background-color: rgb(246,  
162, 180) }
```

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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