

Converting Colors

$Y_{xy}(48.2569, 0.3792, 0.3118)$

Have a look what the booklet for
Yxy(48.2569, 0.3792, 0.3118)
contains.

Yxy(48.2569, 0.3792, 0.3118)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2569, 0.3792, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	F6A1B1
RGB	246, 161, 177
RGB Percent	96%, 63%, 69%
CMY	0.0353, 0.3686, 0.3058
CMYK	0.00, 0.35, 0.28, 0.04
HSL	349°, 83%, 80%
HSV	349°, 35%, 96%
XYZ	58.6883, 48.2569, 47.8235
YIQ	188.2390, 45.5240, 22.9960

Conversions

Conversions Part 2

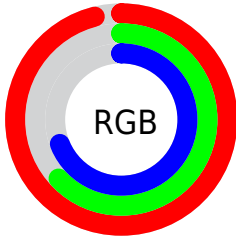
Format	Color
R_{YB}	246, 161, 177
Decimal	16163249
CIE _{Lab}	74.99, 33.59, 4.85
CIE _{LCh}	75, 33.933, 8.210
Yxy	48.2569, 0.3792, 0.3118
Android (android.graphics.Color)	4294353329 (0xFFFF6A1B1)
YUV	188.2390, -5.5408, 50.6564
Hunter-Lab	69.4672, 29.2355, 7.8098

Details

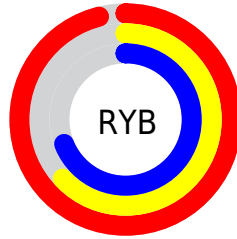
The Yxy color **48.2569, 0.3792, 0.3118** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.2030, 0.2716, 0.3474**, and the grayscale version is **50.4468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7689, 0.3294, 0.3131**, and **22.8972, 0.3976, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **39.7514, 0.4089, 0.3069**, and if you desaturate by 10%, it is **58.5748, 0.3548, 0.3170**.

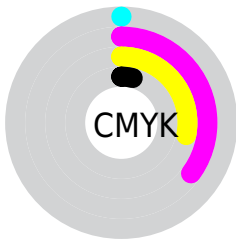
Distribution



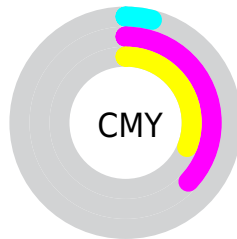
- Red (96%)
- Green (63%)
- Blue (69%)



- Red (96%)
- Yellow (63%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (4%)




- Cyan (4%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2569, 0.3792, 0.3118 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 48.2569, 0.3792, 0.3118 by changing the saturation by 10% instead.


 48.2569, 0.3792,
0.3118


 48.2569, 0.3792,
0.3118


379.8095, 0.3460,
0.3208

 34.0304, 0.3875,
0.3095


 87.5868, 0.3671,
0.3151

 22.9169, 0.3980,
0.3064


 113.4589, 0.3626,
0.3164

 14.5322, 0.4121,
0.3023


143.9817, 0.3588,
0.3174

 8.4917, 0.4315,
0.2963

179.5396, 0.3555,
0.3183

 4.4112, 0.4601,
0.2872

220.5169, 0.3526,
0.3190

 1.9061, 0.5060,
0.2716

267.2981, 0.3501,

 0.5521, 0.6406,

0.3197

0.2437

320.2675, 0.3479,
0.3203

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2569, 0.3792,
0.3118

48.2569, 0.3792,
0.3118

39.7514, 0.4089,
0.3069

58.5748, 0.3548,
0.3170

32.9467, 0.4441,
0.3029

70.7943, 0.3349,
0.3221

27.7296, 0.4840,
0.3006

85.0073, 0.3189,
0.3269

23.9703, 0.5263,
0.3009

98.3332, 0.3072,
0.3290

■ 21.5180, 0.5667,
0.3045

■ 20.1890, 0.6000,
0.3114

■ 19.7932, 0.6140,
0.3156

Harmonies

Analogous

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



48.2569, 0.3356, 0.2800



48.2569, 0.3792, 0.3118



48.2569, 0.4041, 0.3490

Triad

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



48.2569, 0.3792, 0.3118



48.2569, 0.3318, 0.4118



48.2569, 0.2300, 0.2669

Complementary

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



48.2569, 0.3792, 0.3118



79.2030, 0.2716, 0.3474

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.



48.2569, 0.2293, 0.2979



48.2569, 0.3792, 0.3118



48.2569, 0.2858, 0.3866

Square

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



48.2569, 0.3792, 0.3118



48.2569, 0.3746, 0.4091



48.2569, 0.2489, 0.3425



48.2569, 0.2506, 0.2541

Rectangle

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



48.2569, 0.3792, 0.3118



48.2569, 0.4056, 0.3734



48.2569, 0.2489, 0.3425



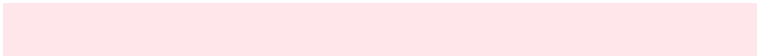
48.2569, 0.2275, 0.2753

Sweetspot

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



48.2592, 0.3792, 0.3118



83.5337, 0.3273, 0.3243



48.8034, 0.3026, 0.2394



17.4227, 0.3296, 0.3236



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.



48.2592, 0.3792, 0.3118



46.1243, 0.3980, 0.3086



57.4968, 0.3854, 0.3568



16.5335, 0.3264, 0.3246



10.5796, 0.6106, 0.3137



0.9434, 0.5779, 0.2957

Inverse Universe

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



48.2592, 0.3792, 0.3118



46.1243, 0.3980, 0.3086



65.6821, 0.2598, 0.2991



16.5335, 0.3264, 0.3246



10.5796, 0.6106, 0.3137



0.9434, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 48.2569, 0.3792, 0.3118 looks on a white background.

Color Contrast Check

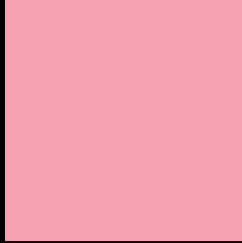
Large Text (above 18pt) WCAG AA × Fail

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 48.2569, 0.3792, 0.3118 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 48.2569, 0.3792, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 48.2569, 0.3792, 0.3118.



This preview shows how white text looks on a background with the Yxy color 48.2569, 0.3792, 0.3118.

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

48.2569, 0.3792, 0.3118

Protanopia

48.5635, 0.3106, 0.3214

Deuteranopia

48.5616, 0.3416, 0.3352



Tritanopia

48.4895, 0.3819, 0.3162

Trichromacy



Original Color

48.2569, 0.3792, 0.3118

Protanomaly

47.9633, 0.3336, 0.3181

Deuteranomaly

47.9723, 0.3550, 0.3256

Tritanomaly

48.5286, 0.3809, 0.3151

Monochromacy



Original Color

48.2569, 0.3792, 0.3118

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.8568, 0.3350, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2569, 0.3792, 0.3118 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, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(246, 161, 177)  
}
```

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, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 161, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.2569, 0.3792, 0.3118 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, 161, 177) }
```

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

```
.border{ border-color:rgb(246, 161, 177) }
```

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

Here you see how a box with a 4 pixel rgb(246, 161, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 161, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 161, 177);  
box-shadow:4px 4px 4px 4px rgb(246, 161,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2569, 0.3792, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 161, 177) }
```

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

```
.background{ background-color: rgb(246,  
161, 177) }
```

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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