

Converting Colors

Yxy(50.7434, 0.3717, 0.3122)

Have a look what the booklet for
Yxy(50.7434, 0.3717, 0.3122)
contains.

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Color

Yxy(50.6492, 0.3717, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	F6A7B7
RGB	246, 167, 183
RGB Percent	96%, 65%, 72%
CMY	0.0352, 0.3451, 0.2822
CMYK	0.00, 0.32, 0.26, 0.04
HSL	348°, 81%, 81%
HSV	348°, 32%, 96%
XYZ	60.3794, 50.6492, 51.4127
YIQ	192.4450, 41.9480, 21.7240

Conversions

Conversions Part 2

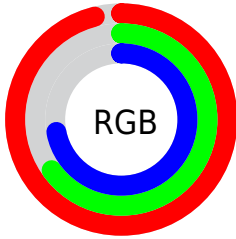
Format	Color
R _Y B	246, 167, 183
Decimal	16164791
CIE Lab	76.47, 31.26, 3.68
CIE LCh	76, 31.476, 6.722
Yxy	50.6492, 0.3717, 0.3118
Android (android.graphics.Color)	4294354871 (0xFF6A7B7)
YUV	192.4450, -4.6564, 46.9677
Hunter-Lab	71.1683, 26.8957, 6.9861

Details

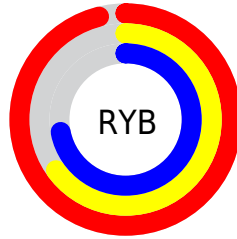
The Yxy color **50.6492, 0.3717, 0.3118** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.8489, 0.2747, 0.3472**, and the grayscale version is **52.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2673, 0.3247, 0.3132**, and **24.3377, 0.3881, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **41.7186, 0.3995, 0.3064**, and if you desaturate by 10%, it is **61.4128, 0.3489, 0.3174**.

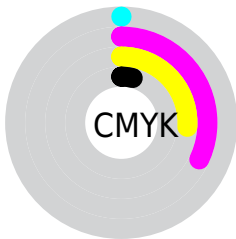
Distribution



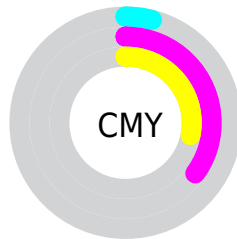
- Red (96%)
- Green (65%)
- Blue (72%)



- Red (96%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6492, 0.3717, 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 50.6492, 0.3717, 0.3118 by changing the saturation by 10% instead.


 50.6492, 0.3717,
0.3118


 50.6492, 0.3717,
0.3118


389.1993, 0.3425,
0.3206

 35.9295, 0.3789,
0.3096


 91.1360, 0.3612,
0.3150

 24.3798, 0.3881,
0.3067


 117.6719, 0.3572,
0.3162

 15.6156, 0.4002,
0.3028


148.9154, 0.3538,
0.3172

 9.2525, 0.4168,
0.2974

185.2507, 0.3509,
0.3181

 4.9063, 0.4411,
0.2892

227.0624, 0.3484,
0.3188

 2.1924, 0.4797,
0.2756

274.7348, 0.3462,

 0.7158, 0.5636,

0.3195

0.2524

328.6523, 0.3442,
0.3201

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6492, 0.3717,
0.3118

50.6492, 0.3717,
0.3118

41.7186, 0.3995,
0.3064

61.4128, 0.3489,
0.3174

34.5117, 0.4327,
0.3018

74.0964, 0.3304,
0.3228

28.9185, 0.4709,
0.2986

88.7901, 0.3155,
0.3280

24.8134, 0.5122,
0.2980

98.3360, 0.3072,
0.3290

■ 22.0521, 0.5531,
0.3008

■ 20.4611, 0.5887,
0.3071

■ 19.8258, 0.6104,
0.3136

Harmonies

Analogous

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



50.6492, 0.3316, 0.2827



50.6492, 0.3717, 0.3118



50.6492, 0.3954, 0.3461

Triad

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



50.6492, 0.3717, 0.3118



50.6492, 0.3326, 0.4046



50.6492, 0.2362, 0.2733

Complementary

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



50.6492, 0.3717, 0.3118



79.8489, 0.2747, 0.3472

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.



50.6492, 0.2365, 0.3028



50.6492, 0.3717, 0.3118



50.6492, 0.2903, 0.3829

Square

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



50.6492, 0.3717, 0.3118



50.6492, 0.3712, 0.4016



50.6492, 0.2556, 0.3436



50.6492, 0.2544, 0.2604

Rectangle

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



50.6492, 0.3717, 0.3118



50.6492, 0.3979, 0.3686



50.6492, 0.2556, 0.3436



50.6492, 0.2341, 0.2814

Sweetspot

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



50.6516, 0.3717, 0.3118



83.5552, 0.3270, 0.3239



50.9310, 0.3025, 0.2456



17.4279, 0.3293, 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.



50.6516, 0.3717, 0.3118



48.0104, 0.3905, 0.3080



58.9464, 0.3793, 0.3534



16.5375, 0.3262, 0.3242



10.5965, 0.6068, 0.3116



0.9455, 0.5734, 0.2933

Inverse Universe

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



50.6516, 0.3717, 0.3118



48.0104, 0.3905, 0.3080



67.9811, 0.2636, 0.3031



16.5375, 0.3262, 0.3242



10.5965, 0.6068, 0.3116



0.9455, 0.5734, 0.2933

Previews

White Background



This preview shows how the Yxy color 50.6492, 0.3717, 0.3118 looks on a white background.

Color Contrast Check

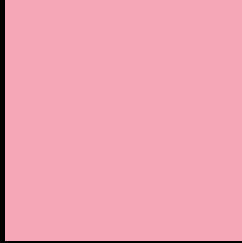
Large Text (above 18pt) WCAG AA × Fail

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 50.6492, 0.3717, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

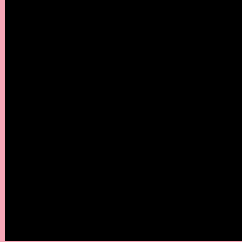
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6492, 0.3717, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 50.6492, 0.3717, 0.3118.



This preview shows how white text looks on a background with the Yxy color 50.6492, 0.3717, 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

50.6492, 0.3717, 0.3118

Protanopia

50.9829, 0.3098, 0.3203

Deuteranopia

51.0111, 0.3394, 0.3327



Tritanopia

50.5256, 0.3746, 0.3151

Trichromacy



Original Color

50.6492, 0.3717, 0.3118

Protanomaly

50.2530, 0.3306, 0.3159

Deuteranomaly

50.6278, 0.3512, 0.3245

Tritanomaly

50.5665, 0.3736, 0.3140

Monochromacy



Original Color

50.6492, 0.3717, 0.3118

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5381, 0.3327, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6492, 0.3717, 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, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 183)  
}
```

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, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.6492, 0.3717, 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, 167, 183) }
```

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

```
.border{ border-color:rgb(246, 167, 183) }
```

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

Here you see how a box with a 4 pixel rgb(246, 167, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6492, 0.3717, 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, 167, 183) }
```

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

```
.background{ background-color: rgb(246,  
167, 183) }
```

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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