

Converting Colors

$Y_{xy}(48.6418, 0.3758, 0.3128)$

Have a look what the booklet for
Yxy(48.6418, 0.3758, 0.3128)
contains.

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Color

Yxy(48.6418, 0.3758, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	F4A3B2
RGB	244, 163, 178
RGB Percent	96%, 64%, 70%
CMY	0.0432, 0.3607, 0.3020
CMYK	0.00, 0.33, 0.27, 0.04
HSL	349°, 79%, 80%
HSV	349°, 33%, 96%
XYZ	58.4386, 48.6418, 48.4241
YIQ	188.9290, 43.4610, 21.8370

Conversions

Conversions Part 2

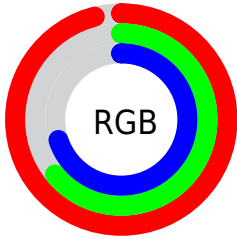
Format	Color
RYB	244, 163, 178
Decimal	16032690
CIELab	75.23, 31.94, 4.63
CIELCh	75, 32.274, 8.244
Yxy	48.6418, 0.3758, 0.3128
Android (android.graphics.Color)	4294222770 (0xFFFF4A3B2)
YUV	188.9290, -5.3880, 48.2973
Hunter-Lab	69.7437, 27.5146, 7.6546

Details

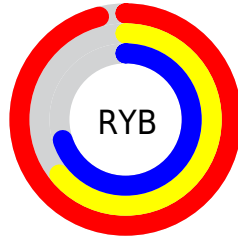
The Yxy color **48.6418, 0.3758, 0.3128** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.1421, 0.2729, 0.3462**, and the grayscale version is **50.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8635, 0.3285, 0.3141**, and **23.0716, 0.3942, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **40.0571, 0.4049, 0.3080**, and if you desaturate by 10%, it is **59.0183, 0.3519, 0.3179**.

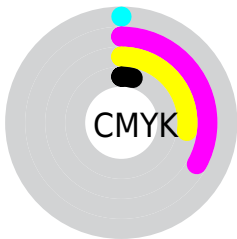
Distribution



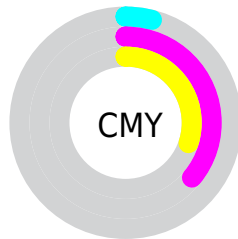
- Red (96%)
- Green (64%)
- Blue (70%)



- Red (96%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6418, 0.3758, 0.3128 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 48.6418, 0.3758, 0.3128 by changing the saturation by 10% instead.


 48.6418, 0.3758,
0.3128


 48.6418, 0.3758,
0.3128

381.3305, 0.3443,
0.3212

 34.3354, 0.3836,
0.3106

 88.1592, 0.3644,
0.3159

 23.1514, 0.3936,
0.3078


 114.1390, 0.3601,
0.3171

 14.7053, 0.4069,
0.3039


144.7788, 0.3565,
0.3181

 8.6128, 0.4253,
0.2983

180.4629, 0.3533,
0.3189

 4.4895, 0.4523,
0.2898

221.5757, 0.3506,
0.3196

 1.9510, 0.4957,
0.2753

268.5016, 0.3483,

 0.5788, 0.6176,

0.3202

0.2499

321.6251, 0.3462,
0.3207

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6418, 0.3758,
0.3128

48.6418, 0.3758,
0.3128

40.0571, 0.4049,
0.3080

59.0183, 0.3519,
0.3179

33.1558, 0.4395,
0.3039

71.2731, 0.3326,
0.3229

27.8287, 0.4790,
0.3013

85.4953, 0.3170,
0.3276

23.9505, 0.5213,
0.3013

97.9717, 0.3060,
0.3290

■ 21.3769, 0.5624,
0.3044

■ 19.9333, 0.5968,
0.3108

■ 19.4223, 0.6148,
0.3160

Harmonies

Analogous

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



48.6418, 0.3346, 0.2824



48.6418, 0.3758, 0.3128



48.6418, 0.3993, 0.3483

Triad

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



48.6418, 0.3758, 0.3128



48.6418, 0.3310, 0.4072



48.6418, 0.2339, 0.2700

Complementary

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



48.6418, 0.3758, 0.3128



78.1421, 0.2729, 0.3462

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.



48.6418, 0.2332, 0.2997



48.6418, 0.3758, 0.3128



48.6418, 0.2873, 0.3834

Square

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



48.6418, 0.3758, 0.3128



48.6418, 0.3716, 0.4051



48.6418, 0.2520, 0.3419



48.6418, 0.2537, 0.2577

Rectangle

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



48.6418, 0.3758, 0.3128



48.6418, 0.4009, 0.3715



48.6418, 0.2520, 0.3419



48.6418, 0.2315, 0.2780

Sweetspot

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



48.6441, 0.3758, 0.3128



83.5288, 0.3273, 0.3244



49.1901, 0.3032, 0.2430



17.4216, 0.3296, 0.3237



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.



48.6441, 0.3758, 0.3128



47.0161, 0.3953, 0.3094



57.5468, 0.3816, 0.3556



16.5326, 0.3264, 0.3246



10.5759, 0.6114, 0.3142



0.9430, 0.5790, 0.2963

Inverse Universe

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



48.6441, 0.3758, 0.3128



47.0161, 0.3953, 0.3094



65.3469, 0.2618, 0.3005



16.5326, 0.3264, 0.3246



10.5759, 0.6114, 0.3142



0.9430, 0.5790, 0.2963

Previews

White Background



This preview shows how the Yxy color 48.6418, 0.3758, 0.3128 looks on a white background.

Color Contrast Check

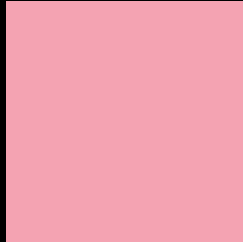
Large Text (above 18pt) WCAG AA × Fail

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 48.6418, 0.3758, 0.3128 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 48.6418, 0.3758, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 48.6418, 0.3758, 0.3128.



This preview shows how white text looks on a background with the Yxy color 48.6418, 0.3758, 0.3128.

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

48.6418, 0.3758, 0.3128

Protanopia

49.1070, 0.3113, 0.3227

Deuteranopia

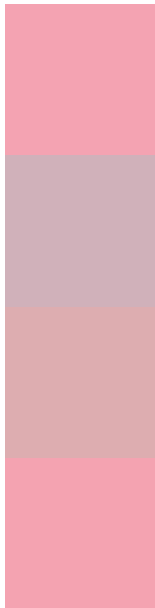
48.7452, 0.3417, 0.3340



Tritanopia

48.5621, 0.3777, 0.3150

Trichromacy



Original Color

48.6418, 0.3758, 0.3128

Protanomaly

48.3993, 0.3326, 0.3182

Deuteranomaly

48.3939, 0.3539, 0.3256

Tritanomaly

48.6018, 0.3768, 0.3139

Monochromacy



Original Color

48.6418, 0.3758, 0.3128

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.7006, 0.3339, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6418, 0.3758, 0.3128 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(244, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 163, 178)  
}
```

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(244, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 163, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.6418, 0.3758, 0.3128 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(244, 163, 178) }
```

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

```
.border{ border-color:rgb(244, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 163,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6418, 0.3758, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 163, 178) }
```

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

```
.background{ background-color: rgb(244,  
163, 178) }
```

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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