

Converting Colors

$Y_{xy}(42.0193, 0.4059, 0.3134)$

Have a look what the booklet for
Yxy(42.0193, 0.4059, 0.3134)
contains.

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Color

Yxy(41.8877, 0.4062, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	F78F9E
RGB	247, 143, 158
RGB Percent	97%, 56%, 62%
CMY	0.0313, 0.4393, 0.3803
CMYK	0.00, 0.42, 0.36, 0.03
HSL	351°, 87%, 76%
HSV	351°, 42%, 97%
XYZ	54.3603, 41.8877, 37.5785
YIQ	175.8060, 57.1690, 26.7130

Conversions

Conversions Part 2

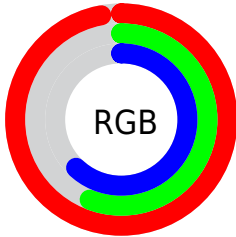
Format	Color
R_{YB}	247, 143, 158
Decimal	16224158
CIE _{Lab}	70.79, 40.93, 9.36
CIE _{LCh}	71, 41.981, 12.876
Yxy	41.8877, 0.4062, 0.3130
Android (android.graphics.Color)	4294414238 (0xFFFF78F9E)
YUV	175.8060, -8.7784, 62.4371
Hunter-Lab	64.7207, 36.6648, 10.8792

Details

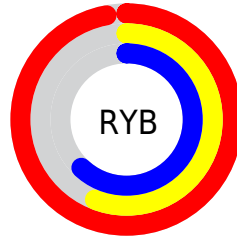
The Yxy color **41.8877, 0.4062, 0.3130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.2019, 0.2621, 0.3465**, and the grayscale version is **43.3351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4523, 0.3468, 0.3137**, and **19.0652, 0.4343, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **34.6062, 0.4422, 0.3098**, and if you desaturate by 10%, it is **50.9312, 0.3761, 0.3168**.

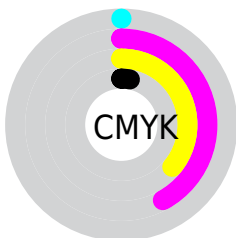
Distribution



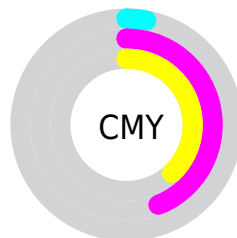
- Red (97%)
- Green (56%)
- Blue (62%)



- Red (97%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (3%)




- Cyan (3%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8877, 0.4062, 0.3130 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 41.8877, 0.4062, 0.3130 by changing the saturation by 10% instead.


 41.8877, 0.4062,
0.3130


 41.8877, 0.4062,
0.3130

354.0172, 0.3583,
0.3222

 29.0134, 0.4185,
0.3103


 78.0296, 0.3886,
0.3166

 19.0909, 0.4343,
0.3067


 102.0660, 0.3820,
0.3179

 11.7360, 0.4556,
0.3015


130.5919, 0.3765,
0.3189

 6.5642, 0.4856,
0.2935

163.9916, 0.3718,
0.3198

 3.1911, 0.5305,
0.2803

202.6496, 0.3677,
0.3206

 1.2323, 0.6076,
0.2573

246.9503, 0.3642,

 0.0878, 0.9264,

0.3212

0.0736

297.2780, 0.3610,
0.3217

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.8877, 0.4062,
0.3130

41.8877, 0.4062,
0.3130

34.6062, 0.4422,
0.3098

50.9312, 0.3761,
0.3168

28.9657, 0.4833,
0.3079

61.8349, 0.3515,
0.3207

24.8399, 0.5273,
0.3079

74.6972, 0.3316,
0.3246

22.0812, 0.5696,
0.3106

89.6076, 0.3157,
0.3283

■ 20.5122, 0.6043,
0.3159

■ 98.5190, 0.3078,
0.3290

■ 19.9045, 0.6235,
0.3209

Harmonies

Analogous

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



41.8877, 0.3514, 0.2723



41.8877, 0.4062, 0.3130



41.8877, 0.4331, 0.3595

Triad

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



41.8877, 0.4062, 0.3130



41.8877, 0.3264, 0.4358



41.8877, 0.2106, 0.2451

Complementary

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



41.8877, 0.4062, 0.3130



78.2019, 0.2621, 0.3465

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.



41.8877, 0.2056, 0.2798



41.8877, 0.4062, 0.3130



41.8877, 0.2687, 0.3973

Square

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



41.8877, 0.4062, 0.3130



41.8877, 0.3833, 0.4351



41.8877, 0.2255, 0.3359



41.8877, 0.2396, 0.2341

Rectangle

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



41.8877, 0.4062, 0.3130



41.8877, 0.4306, 0.3900



41.8877, 0.2255, 0.3359



41.8877, 0.2062, 0.2540

Sweetspot

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



41.8898, 0.4062, 0.3130



78.9492, 0.3333, 0.3243



43.4174, 0.3040, 0.2211



16.2136, 0.3374, 0.3234



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.



41.8898, 0.4062, 0.3130



37.9204, 0.4382, 0.3101



54.1632, 0.4050, 0.3685



16.5215, 0.3271, 0.3256



10.5366, 0.6206, 0.3192



0.9377, 0.5911, 0.3030

Inverse Universe

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



41.8898, 0.4062, 0.3130



37.9204, 0.4382, 0.3101



58.9521, 0.2480, 0.2848



16.5215, 0.3271, 0.3256



10.5366, 0.6206, 0.3192



0.9377, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 41.8877, 0.4062, 0.3130 looks on a white background.

Color Contrast Check

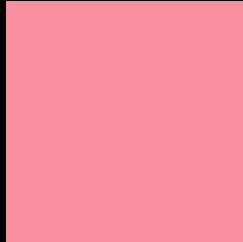
Large Text (above 18pt) WCAG AA × Fail

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 41.8877, 0.4062, 0.3130 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 41.8877, 0.4062, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 41.8877, 0.4062, 0.3130.



This preview shows how white text looks on a background with the Yxy color 41.8877, 0.4062, 0.3130.

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

41.8877, 0.4062, 0.3130

Protanopia

42.1732, 0.3146, 0.3277

Deuteranopia

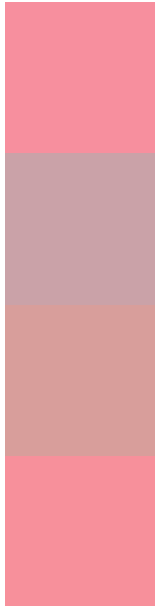
41.9763, 0.3539, 0.3460



Tritanopia

42.0538, 0.4102, 0.3185

Trichromacy



Original Color

41.8877, 0.4062, 0.3130

Protanomaly

41.2244, 0.3458, 0.3215

Deuteranomaly

41.4192, 0.3734, 0.3329

Tritanomaly

42.0872, 0.4091, 0.3174

Monochromacy



Original Color

41.8877, 0.4062, 0.3130

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

41.9720, 0.3445, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8877, 0.4062, 0.3130 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(247, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 143, 158)  
}
```

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(247, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 143, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.8877, 0.4062, 0.3130 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(247, 143, 158) }
```

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

```
.border{ border-color:rgb(247, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 143, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 143, 158); box-shadow:4px 4px 4px 4px rgb(247, 143, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8877, 0.4062, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 143, 158) }
```

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

```
.background{ background-color: rgb(247,  
143, 158) }
```

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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