

# Converting Colors

$Yxy(41.8594, 0.4283, 0.3362)$

Have a look what the booklet for  
Yxy(41.8594, 0.4283, 0.3362)  
contains.

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# Color

**Yxy(41.7380, 0.4286, 0.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8908A
RGB	248, 144, 138
RGB Percent	97%, 56%, 54%
CMY	0.0274, 0.4353, 0.4589
CMYK	0.00, 0.42, 0.44, 0.03
HSL	3°, 89%, 76%
HSV	3°, 44%, 97%
XYZ	53.2725, 41.7380, 29.2837
YIQ	174.4120, 63.9100, 20.1820

# Conversions

## Conversions Part 2

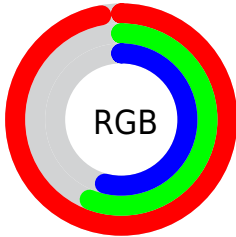
Format	Color
R <sub>Y</sub> B	248, 144, 138
Decimal	16289930
CIE Lab	70.69, 38.58, 20.37
CIE LCh	71, 43.630, 27.828
Yxy	41.7380, 0.4286, 0.3358
Android (android.graphics.Color)	4294480010 (0xFFFF8908A)
YUV	174.4120, -17.9511, 64.5367
Hunter-Lab	64.6050, 34.1304, 18.3489

# Details

The Yxy color **41.7380, 0.4286, 0.3358** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.6698, 0.2516, 0.3218**, and the grayscale version is **42.6205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8684, 0.3641, 0.3375**, and **19.0502, 0.4627, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **34.7228, 0.4706, 0.3370**, and if you desaturate by 10%, it is **50.3955, 0.3927, 0.3343**.

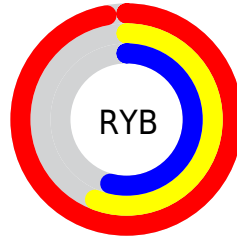
# Distribution



Red (97%)

Green (56%)

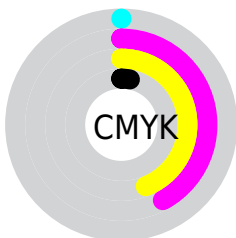
Blue (54%)



Red (97%)

Yellow (56%)

Blue (54%)

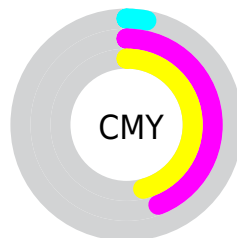


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (3%)



Cyan (3%)

Magenta (44%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7380, 0.4286, 0.3358 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 41.7380, 0.4286, 0.3358 by changing the saturation by 10% instead.





 41.7380, 0.4286,  
0.3358

 41.7380, 0.4286,  
0.3358


353.3957, 0.3690,  
0.3348

 28.8962, 0.4438,  
0.3352


 77.8029, 0.4067,  
0.3360

 19.0023, 0.4633,  
0.3341


 101.7949, 0.3985,  
0.3359

 11.6719, 0.4893,  
0.3316


 130.2723, 0.3917,  
0.3358

 6.5207, 0.5253,  
0.3265

163.6196, 0.3858,  
0.3356

 3.1642, 0.5774,  
0.3155

202.2212, 0.3808,  
0.3354

 1.2181, 0.6936,  
0.3064

246.4615, 0.3764,

 0.0764, 0.9308,

0.3352

0.0692

296.7249, 0.3725,  
0.3350

0.0000, 0.0000,  
0.0000

41.7380, 0.4286,  
0.3358

41.7380, 0.4286,  
0.3358

34.7228, 0.4706,  
0.3370

50.3955, 0.3927,  
0.3343

29.2404, 0.5170,  
0.3376

60.7834, 0.3632,  
0.3327

25.1780, 0.5633,  
0.3372


72.9908, 0.3392,  
0.3311

22.4043, 0.6028,  
0.3357

87.0990, 0.3199,  
0.3296

20.7639, 0.6289,  
0.3333

98.6977, 0.3084,  
0.3290

 20.2608, 0.6373,  
0.3322

# Harmonies

## Analogous

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



41.7380, 0.3837, 0.2900



41.7380, 0.4286, 0.3358



41.7380, 0.4374, 0.3841

# Triad

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



41.7380, 0.4286, 0.3358



41.7380, 0.2958, 0.4253



41.7380, 0.2189, 0.2334

# Complementary

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



41.7380, 0.4286, 0.3358



75.6698, 0.2516, 0.3218

# 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.



41.7380, 0.2012, 0.2567



41.7380, 0.4286, 0.3358



41.7380, 0.2419, 0.3693

# Square

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



41.7380, 0.4286, 0.3358



41.7380, 0.3574, 0.4449



41.7380, 0.2088, 0.3046



41.7380, 0.2602, 0.2335



# Rectangle

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



41.7380, 0.4286, 0.3358



41.7380, 0.4225, 0.4133



41.7380, 0.2088, 0.3046



41.7380, 0.2103, 0.2384

# Sweetspot

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



41.7401, 0.4286, 0.3358



79.6581, 0.3363, 0.3309



44.5690, 0.3226, 0.2250



16.3853, 0.3411, 0.3312



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.



41.7401, 0.4286, 0.3358



37.8573, 0.4649, 0.3369



62.4059, 0.4007, 0.3931



17.3777, 0.3293, 0.3304



11.0050, 0.6362, 0.3330



1.0713, 0.6270, 0.3404



# Inverse Universe

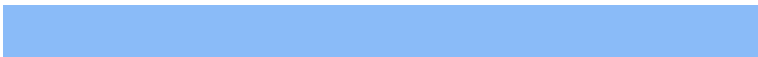
The Inverse Universe completely reimagines the original color for something new.



75.6698, 0.2516, 0.3218



78.0880, 0.2428, 0.3202



47.9278, 0.2398, 0.2537



19.4360, 0.2980, 0.3276



35.6453, 0.2200, 0.3118

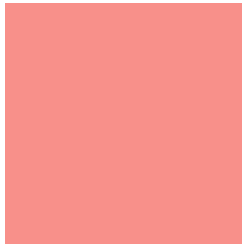


3.3497, 0.2206, 0.3140



# Previews

## White Background



This preview shows how the Yxy color 41.7380, 0.4286, 0.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

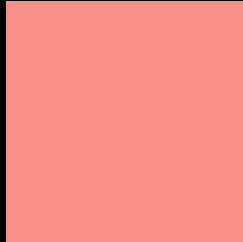
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.7380, 0.4286, 0.3358 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 41.7380, 0.4286, 0.3358**

## Background



This preview shows how black text looks on a background with the Yxy color 41.7380, 0.4286, 0.3358.



This preview shows how white text looks on a background with the Yxy color 41.7380, 0.4286, 0.3358.

# 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

41.7380, 0.4286, 0.3358

### Protanopia

41.9779, 0.3380, 0.3577

### Deuteranopia

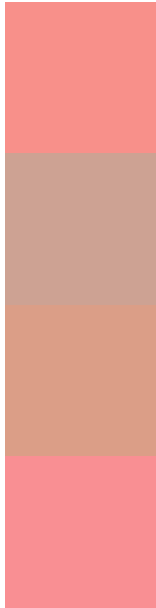
41.6902, 0.3780, 0.3702



## Tritanopia

41.7527, 0.4151, 0.3186

# Trichromacy



**Original Color**

41.7380, 0.4286, 0.3358

**Protanomaly**

40.9264, 0.3690, 0.3483

**Deuteranomaly**

41.2631, 0.3965, 0.3571

**Tritanomaly**

41.8912, 0.4202, 0.3250

# Monochromacy



**Original Color**

41.7380, 0.4286, 0.3358

**Achromatopsia**

42.3268, 0.3127, 0.3290

**Achromatomaly**

41.1851, 0.3513, 0.3317

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.7380, 0.4286, 0.3358 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(248, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(248, 144, 138)  
}
```

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(248, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 144, 138) }
```

## Border

The CSS property to change the border of an element to Yxy 41.7380, 0.4286, 0.3358 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(248, 144, 138) }
```

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

```
.border{ border-color:rgb(248, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(248, 144,  
138) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.7380, 0.4286, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 144, 138) }
```

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

```
.background{ background-color: rgb(248,  
144, 138) }
```

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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