

Converting Colors

$Y_{xy}(34.8590, 0.4362, 0.3116)$

Have a look what the booklet for
Yxy(34.8590, 0.4362, 0.3116)
contains.

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Color

Yxy(34.7428, 0.4364, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	F4798A
RGB	244, 121, 138
RGB Percent	96%, 47%, 54%
CMY	0.0433, 0.5253, 0.4589
CMYK	0.00, 0.50, 0.43, 0.04
HSL	352°, 85%, 72%
HSV	352°, 50%, 96%
XYZ	48.7203, 34.7428, 28.1783
YIQ	159.7150, 67.8510, 31.3630

Conversions

Conversions Part 2

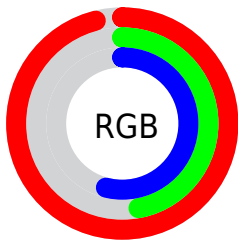
Format	Color
R_{YB}	244, 121, 138
Decimal	16021898
CIE _{Lab}	65.55, 48.65, 13.15
CIE _{LCh}	66, 50.399, 15.121
Yxy	34.7428, 0.4364, 0.3112
Android (android.graphics.Color)	4294211978 (0xFFFF4798A)
YUV	159.7150, -10.7055, 73.9179
Hunter-Lab	58.9430, 44.3917, 12.9160

Details

The Yxy color **34.7428, 0.4364, 0.3112** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.2877, 0.2545, 0.3495**, and the grayscale version is **35.0468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0723, 0.3699, 0.3135**, and **14.9092, 0.4773, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **28.9925, 0.4771, 0.3091**, and if you desaturate by 10%, it is **42.1137, 0.4012, 0.3144**.

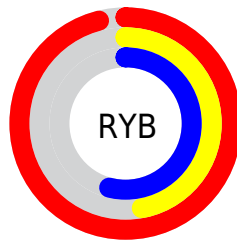
Distribution



Red (96%)

Green (47%)

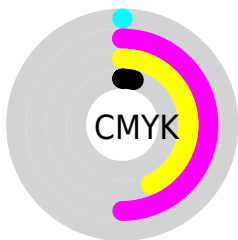
Blue (54%)



Red (96%)

Yellow (47%)

Blue (54%)

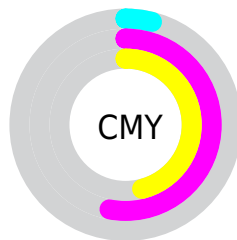


Cyan (0%)

Magenta (50%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7428, 0.4364, 0.3112 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 34.7428, 0.4364, 0.3112 by changing the saturation by 10% instead.


 34.7428, 0.4364,
0.3112


 34.7428, 0.4364,
0.3112


323.4316, 0.3711,
0.3225

 23.4648, 0.4536,
0.3075


 67.0871, 0.4119,
0.3159

 14.9371, 0.4763,
0.3024


 88.9223, 0.4030,
0.3175

 8.7753, 0.5071,
0.2945


 115.0453, 0.3955,
0.3188

 4.5949, 0.5510,
0.2819

145.8405, 0.3891,
0.3198

 2.0116, 0.6174,
0.2595

181.6923, 0.3837,
0.3207

 0.6142, 0.7783,
0.2217

222.9852, 0.3789,

 0.0000, 1.0000,


0.3214


0.0000


270.1035, 0.3748,
0.3220


 0.0000, 0.0000,
0.0000

 34.7428, 0.4364,
0.3112


 34.7428, 0.4364,
0.3112


 28.9925, 0.4771,
0.3091


 42.1137, 0.4012,
0.3144


 24.7353, 0.5211,
0.3088


 51.2093, 0.3719,
0.3180

 21.8335, 0.5642,
0.3110

 62.1314, 0.3480,
0.3218

 20.1210, 0.6005,
0.3157

 74.9722, 0.3287,
0.3254

 19.3381, 0.6247,
0.3215

 89.8177, 0.3132,
0.3289

 97.9647, 0.3059,
0.3290

Harmonies

Analogous

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



34.7428, 0.3672, 0.2617



34.7428, 0.4364, 0.3112



34.7428, 0.4664, 0.3675

Triad

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



34.7428, 0.4364, 0.3112



34.7428, 0.3216, 0.4666



34.7428, 0.1884, 0.2219

Complementary

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



34.7428, 0.4364, 0.3112



74.2877, 0.2545, 0.3495

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.



34.7428, 0.1799, 0.2606



34.7428, 0.4364, 0.3112



34.7428, 0.2508, 0.4128

Square

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



34.7428, 0.4364, 0.3112



34.7428, 0.3939, 0.4646



34.7428, 0.2005, 0.3299



34.7428, 0.2250, 0.2120

Rectangle

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



34.7428, 0.4364, 0.3112



34.7428, 0.4592, 0.4052



34.7428, 0.2005, 0.3299



34.7428, 0.1824, 0.2313

Sweetspot

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



34.7446, 0.4364, 0.3112



76.0321, 0.3372, 0.3238



36.3048, 0.3015, 0.2013



15.6389, 0.3413, 0.3230



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.



34.7446, 0.4364, 0.3112



32.1952, 0.4760, 0.3092



47.1792, 0.4303, 0.3757



16.5197, 0.3272, 0.3258



10.5310, 0.6219, 0.3200



0.9369, 0.5931, 0.3041

Inverse Universe

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



34.7446, 0.4364, 0.3112



32.1952, 0.4760, 0.3092



52.3397, 0.2364, 0.2745



16.5197, 0.3272, 0.3258



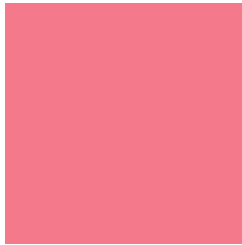
10.5310, 0.6219, 0.3200



0.9369, 0.5931, 0.3041

Previews

White Background



This preview shows how the Yxy color 34.7428, 0.4364, 0.3112 looks on a white background.

Color Contrast Check

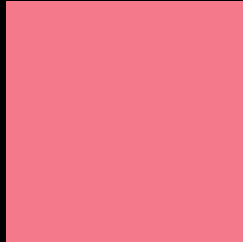
Large Text (above 18pt) WCAG AA × Fail

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 34.7428, 0.4364, 0.3112 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 34.7428, 0.4364, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 34.7428, 0.4364, 0.3112.



This preview shows how white text looks on a background with the Yxy color 34.7428, 0.4364, 0.3112.

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

34.7428, 0.4364, 0.3112

Protanopia

35.0514, 0.3175, 0.3305

Deuteranopia

34.6663, 0.3646, 0.3571



Tritanopia

34.6124, 0.4436, 0.3197

Trichromacy



Original Color

34.7428, 0.4364, 0.3112

Protanomaly

33.6916, 0.3568, 0.3210

Deuteranomaly

33.9208, 0.3909, 0.3370

Tritanomaly

34.6950, 0.4399, 0.3165

Monochromacy



Original Color

34.7428, 0.4364, 0.3112

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.9011, 0.3544, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7428, 0.4364, 0.3112 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, 121, 138)` looks like.

```
.text, #text, p{  
    color:rgb(244, 121, 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(244, 121, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 121, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.7428, 0.4364, 0.3112 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, 121, 138) }
```

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

```
.border{ border-color:rgb(244, 121, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 121, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 121, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 121, 138);  
box-shadow:4px 4px 4px 4px rgb(244, 121,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7428, 0.4364, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 121, 138) }
```

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

```
.background{ background-color: rgb(244,  
121, 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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