

Converting Colors

$Y_{xy}(41.1788, 0.4273, 0.3170)$

Have a look what the booklet for
Yxy(41.1788, 0.4273, 0.3170)
contains.

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Color

Yxy(41.2894, 0.4276, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	FF8994
RGB	255, 137, 148
RGB Percent	100%, 54%, 58%
CMY	0.0000, 0.4628, 0.4196
CMYK	0.00, 0.46, 0.42, 0.00
HSL	354°, 100%, 77%
HSV	354°, 46%, 100%
XYZ	55.5374, 41.2894, 33.0549
YIQ	173.5360, 66.7970, 28.4370

Conversions

Conversions Part 2

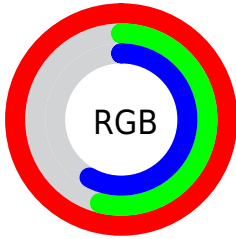
Format	Color
R _Y B	255, 137, 148
Decimal	16746900
CIE Lab	70.38, 45.69, 14.51
CIE LCh	70, 47.938, 17.620
Yxy	41.2894, 0.4276, 0.3179
Android (android.graphics.Color)	4294936980 (0xFFFF8994)
YUV	173.5360, -12.5892, 71.4439
Hunter-Lab	64.2568, 41.8288, 14.4799

Details

The Yxy color **41.2894, 0.4276, 0.3179** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.3693, 0.2556, 0.3414**, and the grayscale version is **42.1129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2235, 0.3567, 0.3188**, and **18.8246, 0.4614, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **34.2136, 0.4684, 0.3163**, and if you desaturate by 10%, it is **50.2186, 0.3928, 0.3202**.

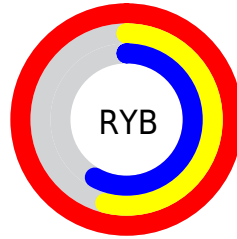
Distribution



Red (100%)

Green (54%)

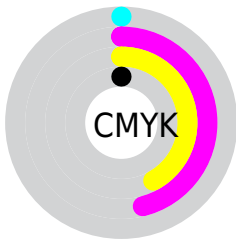
Blue (58%)



Red (100%)

Yellow (54%)

Blue (58%)

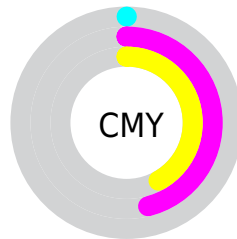


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2894, 0.4276, 0.3179 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 41.2894, 0.4276, 0.3179 by changing the saturation by 10% instead.


 41.2894, 0.4276,
0.3179


 41.2894, 0.4276,
0.3179


351.5287, 0.3685,
0.3255


 28.5453, 0.4427,
0.3154


 77.1230, 0.4058,
0.3211

 18.7371, 0.4622,
0.3118


 100.9813, 0.3978,
0.3222

 11.4805, 0.4883,
0.3064


 129.3131, 0.3909,
0.3230

 6.3910, 0.5246,
0.2977

162.5028, 0.3851,
0.3237

 3.0843, 0.5780,
0.2824

200.9349, 0.3801,
0.3243

 1.1759, 0.6855,
0.2618

244.9936, 0.3758,

 0.0419, 0.9662,

0.3247

0.0338

295.0634, 0.3719,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.2894, 0.4276,
0.3179

41.2894, 0.4276,
0.3179

34.2136, 0.4684,
0.3163

50.2186, 0.3928,
0.3202

28.8684, 0.5136,
0.3158

61.1282, 0.3641,
0.3227

25.1024, 0.5590,
0.3169

74.1244, 0.3410,
0.3252

22.7422, 0.5983,
0.3198

89.3077, 0.3224,
0.3276

■ 21.5724, 0.6253,
0.3242

100.0000, 0.3127,
0.3290

■ 21.3250, 0.6320,
0.3255

Harmonies

Analogous

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



41.2894, 0.3679, 0.2713



41.2894, 0.4276, 0.3179



41.2894, 0.4515, 0.3701

Triad

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



41.2894, 0.4276, 0.3179



41.2894, 0.3162, 0.4490



41.2894, 0.2011, 0.2301

Complementary

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



41.2894, 0.4276, 0.3179



83.3693, 0.2556, 0.3414

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.



41.2894, 0.1911, 0.2639



41.2894, 0.4276, 0.3179



41.2894, 0.2526, 0.3978

Square

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



41.2894, 0.4276, 0.3179



41.2894, 0.3824, 0.4532



41.2894, 0.2083, 0.3246



41.2894, 0.2371, 0.2224

Rectangle

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



41.2894, 0.4276, 0.3179



41.2894, 0.4434, 0.4041



41.2894, 0.2083, 0.3246



41.2894, 0.1948, 0.2383

Sweetspot

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



41.2865, 0.4276, 0.3179



77.3874, 0.3364, 0.3257



44.1989, 0.3078, 0.2125



15.9020, 0.3407, 0.3252



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.



41.2865, 0.4276, 0.3179



34.3863, 0.4672, 0.3163



57.4278, 0.4146, 0.3783



18.0146, 0.3280, 0.3268



11.1519, 0.6298, 0.3243



1.0946, 0.6096, 0.3132

Inverse Universe

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



41.2865, 0.4276, 0.3179



34.3863, 0.4672, 0.3163



57.5501, 0.2406, 0.2722



18.0146, 0.3280, 0.3268



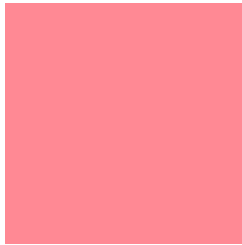
11.1519, 0.6298, 0.3243



1.0946, 0.6096, 0.3132

Previews

White Background



This preview shows how the Yxy color 41.2894, 0.4276, 0.3179 looks on a white background.

Color Contrast Check

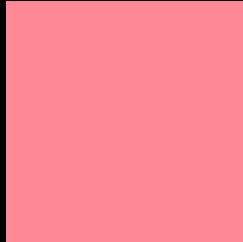
Large Text (above 18pt) WCAG AA × Fail

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 41.2894, 0.4276, 0.3179 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 41.2894, 0.4276, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 41.2894, 0.4276, 0.3179.



This preview shows how white text looks on a background with the Yxy color 41.2894, 0.4276, 0.3179.

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

41.2894, 0.4276, 0.3179

Protanopia

41.6053, 0.3223, 0.3372

Deuteranopia

41.3977, 0.3655, 0.3590



Tritanopia

41.2579, 0.4287, 0.3190

Trichromacy



Original Color

41.2894, 0.4276, 0.3179



Protanomaly

40.2786, 0.3582, 0.3291



Deuteranomaly

40.5471, 0.3877, 0.3414



Tritanomaly

41.2579, 0.4287, 0.3190

Monochromacy



Original Color

41.2894, 0.4276, 0.3179



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.9029, 0.3499, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2894, 0.4276, 0.3179 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(255, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 148)  
}
```

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(255, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.2894, 0.4276, 0.3179 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(255, 137, 148) }
```

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

```
.border{ border-color:rgb(255, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 137, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 137, 148); box-shadow:4px 4px 4px 4px rgb(255, 137, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2894, 0.4276, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 148) }
```

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

```
.background{ background-color: rgb(255,  
137, 148) }
```

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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