

Converting Colors

$Y_{xy}(46.3933, 0.4510, 0.3212)$

Have a look what the booklet for
Yxy(46.3933, 0.4510, 0.3212)
contains.

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Color

Yxy(41.5123, 0.4293, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A92
RGB	255, 138, 146
RGB Percent	100%, 54%, 57%
CMY	0.0000, 0.4588, 0.4273
CMYK	0.00, 0.46, 0.43, 0.00
HSL	356°, 100%, 77%
HSV	356°, 46%, 100%
XYZ	55.5179, 41.5123, 32.2917
YIQ	173.8950, 67.1640, 27.2920

Conversions

Conversions Part 2

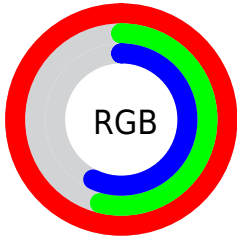
Format	Color
R _Y B	255, 138, 146
Decimal	16747154
CIE Lab	70.53, 44.97, 15.82
CIE LCh	71, 47.673, 19.382
Yxy	41.5123, 0.4293, 0.3210
Android (android.graphics.Color)	4294937234 (0xFFFF8A92)
YUV	173.8950, -13.7522, 71.1291
Hunter-Lab	64.4300, 41.0567, 15.3855

Details

The Yxy color **41.5123, 0.4293, 0.3210** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.6361, 0.2547, 0.3380**, and the grayscale version is **42.3191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5701, 0.3582, 0.3219**, and **18.9436, 0.4639, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **34.3719, 0.4711, 0.3199**, and if you desaturate by 10%, it is **50.5278, 0.3937, 0.3226**.

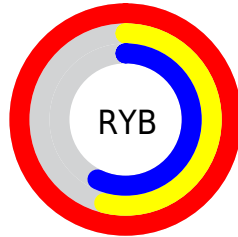
Distribution



Red (100%)

Green (54%)

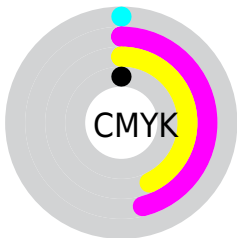
Blue (57%)



Red (100%)

Yellow (54%)

Blue (57%)

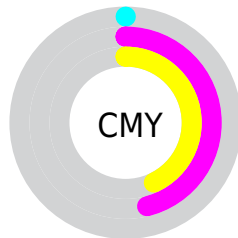


Cyan (0%)

Magenta (46%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5123, 0.4293, 0.3210 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 41.5123, 0.4293, 0.3210 by changing the saturation by 10% instead.


 41.5123, 0.4293,
0.3210

 41.5123, 0.4293,
0.3210


352.4572, 0.3694,
0.3271


 28.7196, 0.4446,
0.3188


 77.4610, 0.4072,
0.3237

 18.8688, 0.4643,
0.3156


 101.3857, 0.3990,
0.3246

 11.5755, 0.4906,
0.3106


 129.7900, 0.3921,
0.3253

 6.4553, 0.5273,
0.3024

163.0581, 0.3862,
0.3258

 3.1239, 0.5809,
0.2876

201.5745, 0.3812,
0.3263

 1.1967, 0.6934,
0.2698

245.7236, 0.3767,

 0.0590, 0.9529,

0.3266

0.0471

295.8897, 0.3728,
0.3269

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.5123, 0.4293,
0.3210

41.5123, 0.4293,
0.3210

34.3719, 0.4711,
0.3199

50.5278, 0.3937,
0.3226

28.9688, 0.5171,
0.3196

61.5311, 0.3645,
0.3244

25.1563, 0.5631,
0.3205

74.6333, 0.3409,
0.3263

22.7609, 0.6022,
0.3228

89.9355, 0.3220,
0.3280

■ 21.5681, 0.6282,
0.3261

99.9995, 0.3127,
0.3290

■ 21.3015, 0.6348,
0.3271

Harmonies

Analogous

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



41.5123, 0.3716, 0.2741



41.5123, 0.4293, 0.3210



41.5123, 0.4506, 0.3730

Triad

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



41.5123, 0.4293, 0.3210



41.5123, 0.3123, 0.4463



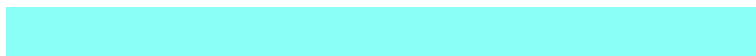
41.5123, 0.2032, 0.2296

Complementary

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



41.5123, 0.4293, 0.3210



83.6361, 0.2547, 0.3380

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.



41.5123, 0.1917, 0.2617



41.5123, 0.4293, 0.3210



41.5123, 0.2499, 0.3932

Square

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



41.5123, 0.4293, 0.3210



41.5123, 0.3784, 0.4534



41.5123, 0.2072, 0.3205



41.5123, 0.2405, 0.2234

Rectangle

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



41.5123, 0.4293, 0.3210



41.5123, 0.4410, 0.4066



41.5123, 0.2072, 0.3205



41.5123, 0.1964, 0.2373

Sweetspot

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



41.5144, 0.4293, 0.3210



77.3401, 0.3370, 0.3266



44.8557, 0.3096, 0.2140



15.8906, 0.3415, 0.3262



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.



41.5144, 0.4293, 0.3210



34.9291, 0.4672, 0.3199



58.5304, 0.4124, 0.3799



18.0073, 0.3284, 0.3274



11.1382, 0.6331, 0.3261



1.0912, 0.6173, 0.3174

Inverse Universe

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



41.5144, 0.4293, 0.3210



34.9291, 0.4672, 0.3199



56.8872, 0.2407, 0.2703



18.0073, 0.3284, 0.3274



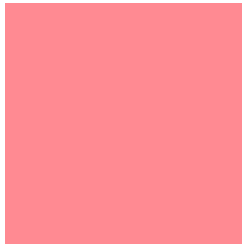
11.1382, 0.6331, 0.3261



1.0912, 0.6173, 0.3174

Previews

White Background



This preview shows how the Yxy color 41.5123, 0.4293, 0.3210 looks on a white background.

Color Contrast Check

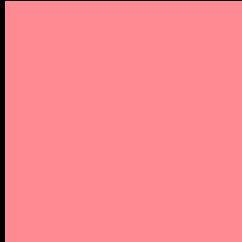
Large Text (above 18pt) WCAG AA × Fail

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 41.5123, 0.4293, 0.3210 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 41.5123, 0.4293, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 41.5123, 0.4293, 0.3210.



This preview shows how white text looks on a background with the Yxy color 41.5123, 0.4293, 0.3210.

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

41.5123, 0.4293, 0.3210

Protanopia

41.6504, 0.3249, 0.3399

Deuteranopia

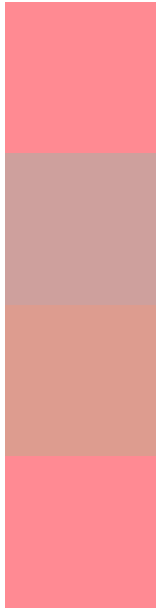
41.6130, 0.3694, 0.3614



Tritanopia

41.5751, 0.4271, 0.3189

Trichromacy



Original Color

41.5123, 0.4293, 0.3210

Protanomaly

40.6977, 0.3609, 0.3329

Deuteranomaly

41.1323, 0.3913, 0.3449

Tritanomaly

41.5435, 0.4282, 0.3200

Monochromacy



Original Color

41.5123, 0.4293, 0.3210

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

40.8666, 0.3508, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5123, 0.4293, 0.3210 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, 138, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 146)  
}
```

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, 138, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 146) }
```

Border

The CSS property to change the border of an element to Yxy 41.5123, 0.4293, 0.3210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

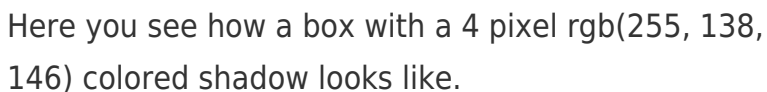
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 138, 146) }
```

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

```
.border{ border-color:rgb(255, 138, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 138, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 138, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 138, 146); box-shadow:4px 4px 4px 4px rgb(255, 138, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5123, 0.4293, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 146) }
```

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

```
.background{ background-color: rgb(255,  
138, 146) }
```

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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