

Converting Colors

$Y_{xy}(41.5044, 0.4267, 0.3181)$

Have a look what the booklet for
Yxy(41.5044, 0.4267, 0.3181)
contains.

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Color

Yxy(41.5751, 0.4271, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A94
RGB	255, 138, 148
RGB Percent	100%, 54%, 58%
CMY	0.0000, 0.4589, 0.4195
CMYK	0.00, 0.46, 0.42, 0.00
HSL	355°, 100%, 77%
HSV	355°, 46%, 100%
XYZ	55.6812, 41.5751, 33.1141
YIQ	174.1230, 66.5220, 27.9140

Conversions

Conversions Part 2

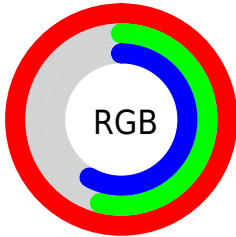
Format	Color
R _Y B	255, 138, 148
Decimal	16747156
CIE Lab	70.58, 45.19, 14.77
CIE LCh	71, 47.546, 18.102
Yxy	41.5751, 0.4271, 0.3189
Android (android.graphics.Color)	4294937236 (0xFFFF8A94)
YUV	174.1230, -12.8786, 70.9291
Hunter-Lab	64.4788, 41.3073, 14.6858

Details

The Yxy color **41.5751, 0.4271, 0.3189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5133, 0.2556, 0.3403**, and the grayscale version is **42.4329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6642, 0.3565, 0.3198**, and **18.9809, 0.4607, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **34.4299, 0.4681, 0.3174**, and if you desaturate by 10%, it is **50.5818, 0.3922, 0.3210**.

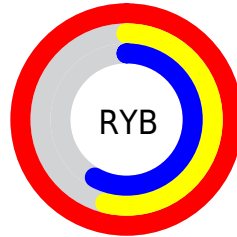
Distribution



Red (100%)

Green (54%)

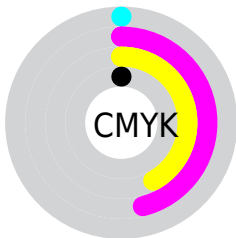
Blue (58%)



Red (100%)

Yellow (54%)

Blue (58%)

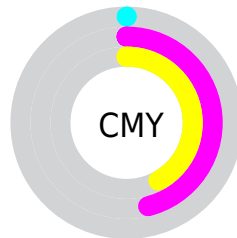


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5751, 0.4271, 0.3189 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 41.5751, 0.4271, 0.3189 by changing the saturation by 10% instead.


 41.5751, 0.4271,
0.3189


 41.5751, 0.4271,
0.3189


352.7185, 0.3683,
0.3260

 28.7687, 0.4421,
0.3165


 77.5561, 0.4055,
0.3219

 18.9059, 0.4615,
0.3131


 101.4996, 0.3974,
0.3229

 11.6023, 0.4873,
0.3079

 129.9242, 0.3907,
0.3237

 6.4735, 0.5234,
0.2995

163.2144, 0.3849,
0.3244

 3.1351, 0.5762,
0.2846

201.7545, 0.3799,
0.3249

 1.2027, 0.6821,
0.2646

245.9290, 0.3755,

 0.0639, 0.9497,

0.3253

0.0503

296.1222, 0.3717,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.5751, 0.4271,
0.3189

41.5751, 0.4271,
0.3189

34.4299, 0.4681,
0.3174

50.5818, 0.3922,
0.3210

29.0220, 0.5134,
0.3169

61.5752, 0.3635,
0.3233

25.2012, 0.5591,
0.3179

74.6617, 0.3404,
0.3256

22.7947, 0.5986,
0.3206

89.9419, 0.3219,
0.3278

■ 21.5891, 0.6257,
0.3247

100.0000, 0.3127,
0.3290

■ 21.3174, 0.6329,
0.3260

Harmonies

Analogous

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



41.5751, 0.3684, 0.2725



41.5751, 0.4271, 0.3189



41.5751, 0.4501, 0.3707

Triad

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



41.5751, 0.4271, 0.3189



41.5751, 0.3152, 0.4472



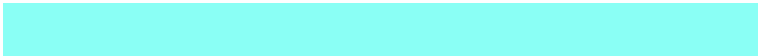
41.5751, 0.2024, 0.2307

Complementary

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



41.5751, 0.4271, 0.3189



83.5133, 0.2556, 0.3403

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.



41.5751, 0.1921, 0.2639



41.5751, 0.4271, 0.3189



41.5751, 0.2524, 0.3960

Square

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



41.5751, 0.4271, 0.3189



41.5751, 0.3808, 0.4523



41.5751, 0.2088, 0.3236



41.5751, 0.2386, 0.2234

Rectangle

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



41.5751, 0.4271, 0.3189



41.5751, 0.4417, 0.4043



41.5751, 0.2088, 0.3236



41.5751, 0.1961, 0.2387

Sweetspot

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



41.5729, 0.4271, 0.3189



77.3729, 0.3366, 0.3260



44.5021, 0.3079, 0.2134



15.8985, 0.3410, 0.3255



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.



41.5729, 0.4271, 0.3189



34.9908, 0.4642, 0.3175



57.7066, 0.4135, 0.3779



18.0123, 0.3281, 0.3270



11.1474, 0.6309, 0.3249



1.0936, 0.6120, 0.3145

Inverse Universe

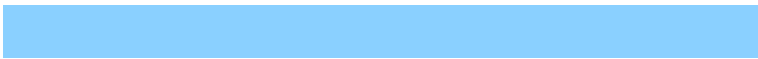
The Inverse Universe completely reimagines the original color for something new.



41.5729, 0.4271, 0.3189



34.9908, 0.4642, 0.3175



57.8299, 0.2412, 0.2727



18.0123, 0.3281, 0.3270



11.1474, 0.6309, 0.3249



1.0936, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 41.5751, 0.4271, 0.3189 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 41.5751, 0.4271, 0.3189 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 41.5751, 0.4271, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 41.5751, 0.4271, 0.3189.



This preview shows how white text looks on a background with the Yxy color 41.5751, 0.4271, 0.3189.

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

41.5751, 0.4271, 0.3189

Protanopia

41.7232, 0.3232, 0.3372

Deuteranopia

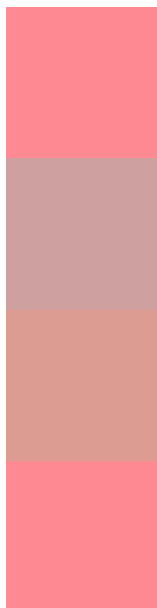
41.5350, 0.3665, 0.3589



Tritanopia

41.5751, 0.4271, 0.3189

Trichromacy



Original Color

41.5751, 0.4271, 0.3189

Protanomaly

40.7666, 0.3589, 0.3304

Deuteranomaly

41.0369, 0.3882, 0.3425

Tritanomaly

41.5751, 0.4271, 0.3189

Monochromacy



Original Color

41.5751, 0.4271, 0.3189

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 41.5751, 0.4271, 0.3189 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.5751, 0.4271, 0.3189 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, 148) }
```

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

```
.border{ border-color:rgb(255, 138, 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, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5751, 0.4271, 0.3189 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, 148) }
```

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

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