

Converting Colors

$Yxy(41.7445, 0.4544, 0.3496)$

Have a look what the booklet for
Yxy(41.7445, 0.4544, 0.3496)
contains.

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Color

Yxy(41.6902, 0.4549, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D79
RGB	255, 141, 121
RGB Percent	100%, 55%, 47%
CMY	0.0000, 0.4470, 0.5255
CMYK	0.00, 0.45, 0.53, 0.00
HSL	9°, 100%, 74%
HSV	9°, 53%, 100%
XYZ	54.2163, 41.6902, 23.2764
YIQ	172.8060, 74.3640, 17.9480

Conversions

Conversions Part 2

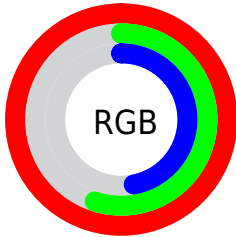
Format	Color
RYB	255, 145, 121
Decimal	16747897
CIELab	70.66, 41.15, 29.82
CIELCh	71, 50.818, 35.933
Yxy	41.6902, 0.4549, 0.3498
Android (android.graphics.Color)	4294937977 (0xFFFF8D79)
YUV	172.8060, -25.5404, 72.0841
Hunter-Lab	64.5679, 36.8887, 23.8238

Details

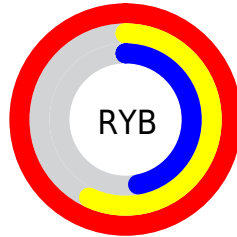
The Yxy color **41.6902, 0.4549, 0.3498** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.6942, 0.2402, 0.3052**, and the grayscale version is **41.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7958, 0.3788, 0.3522**, and **18.9167, 0.4966, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **35.3639, 0.4973, 0.3520**, and if you desaturate by 10%, it is **49.4381, 0.4169, 0.3463**.

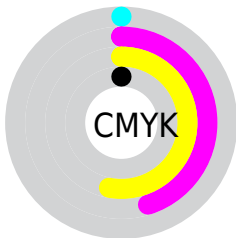
Distribution



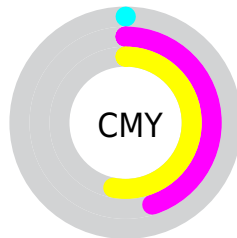
- Red (100%)
- Green (55%)
- Blue (47%)



- Red (100%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6902, 0.4549, 0.3498 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 41.6902, 0.4549, 0.3498 by changing the saturation by 10% instead.


 41.6902, 0.4549,
0.3498


 41.6902, 0.4549,
0.3498


353.1971, 0.3822,
0.3434


 28.8588, 0.4731,
0.3500


 77.7305, 0.4284,
0.3485

 18.9740, 0.4962,
0.3494


 101.7083, 0.4184,
0.3477

 11.6515, 0.5263,
0.3470


 130.1702, 0.4100,
0.3469

 6.5069, 0.5665,
0.3410

163.5008, 0.4028,
0.3461

 3.1557, 0.6278,
0.3299

202.0843, 0.3966,
0.3453

 1.2135, 0.7042,
0.2958

246.3053, 0.3912,

 0.0727, 0.9378,

0.3446

0.0622

296.5481, 0.3864,
0.3440

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.6902, 0.4549,
0.3498

41.6902, 0.4549,
0.3498

35.3639, 0.4973,
0.3520

49.4381, 0.4169,
0.3463

30.3671, 0.5413,
0.3521


58.6817, 0.3844,
0.3422


26.6050, 0.5817,
0.3495

69.4961, 0.3573,
0.3380

23.9676, 0.6129,
0.3441

81.9499, 0.3350,
0.3338

 22.6514, 0.6283,
0.3394

 96.1078, 0.3168,
0.3299

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



41.6902, 0.4129, 0.2968



41.6902, 0.4549, 0.3498



41.6902, 0.4517, 0.4041

Triad

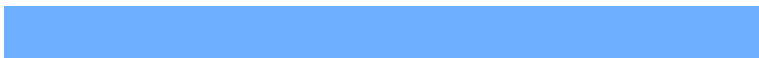
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6902, 0.4549, 0.3498



41.6902, 0.2735, 0.4284



41.6902, 0.2154, 0.2173

Complementary

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



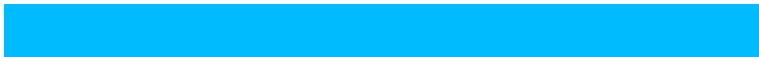
41.6902, 0.4549, 0.3498



70.6942, 0.2402, 0.3052

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.



41.6902, 0.1884, 0.2352



41.6902, 0.4549, 0.3498



41.6902, 0.2177, 0.3543

Square

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



41.6902, 0.4549, 0.3498



41.6902, 0.3437, 0.4641



41.6902, 0.1887, 0.2817



41.6902, 0.2686, 0.2244

Rectangle

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



41.6902, 0.4549, 0.3498



41.6902, 0.4268, 0.4362



41.6902, 0.1887, 0.2817



41.6902, 0.2034, 0.2203

Sweetspot

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



41.6920, 0.4549, 0.3498



77.4656, 0.3422, 0.3352



41.0555, 0.3349, 0.2169



16.0284, 0.3467, 0.3361



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.



41.6920, 0.4549, 0.3498



35.1118, 0.4993, 0.3521



66.7178, 0.4147, 0.4147



18.4247, 0.3291, 0.3326



11.9662, 0.6262, 0.3410



1.2883, 0.6077, 0.3556

Inverse Universe

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



70.6942, 0.2402, 0.3052



66.7750, 0.2301, 0.2996



40.0827, 0.2233, 0.2219



19.9919, 0.2980, 0.3254



29.8567, 0.2113, 0.2808



3.0271, 0.2130, 0.2868

Previews

White Background



This preview shows how the Yxy color 41.6902, 0.4549, 0.3498 looks on a white background.

Color Contrast Check

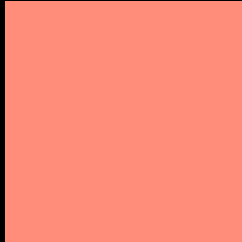
Large Text (above 18pt) WCAG AA × Fail

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 41.6902, 0.4549, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

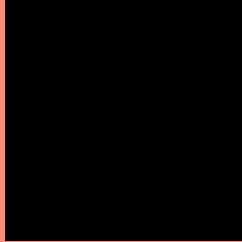
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6902, 0.4549, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 41.6902, 0.4549, 0.3498.



This preview shows how white text looks on a background with the Yxy color 41.6902, 0.4549, 0.3498.

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

41.6902, 0.4549, 0.3498

Protanopia

41.9507, 0.3568, 0.3806

Deuteranopia

41.9433, 0.3996, 0.3916



Tritanopia

41.5751, 0.4271, 0.3189

Trichromacy



Original Color

41.6902, 0.4549, 0.3498

Protanomaly

40.8031, 0.3910, 0.3680

Deuteranomaly

41.4295, 0.4197, 0.3749

Tritanomaly

41.5602, 0.4377, 0.3304

Monochromacy



Original Color

41.6902, 0.4549, 0.3498

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5193, 0.3605, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6902, 0.4549, 0.3498 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, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 121)  
}
```

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, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 121) }
```

Border

The CSS property to change the border of an element to Yxy 41.6902, 0.4549, 0.3498 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, 141, 121) }
```

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

```
.border{ border-color:rgb(255, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6902, 0.4549, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 121) }
```

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

```
.background{ background-color: rgb(255,  
141, 121) }
```

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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