

Converting Colors

$Y_{xy}(46.1210, 0.4696, 0.3447)$

Have a look what the booklet for
Yxy(46.1210, 0.4696, 0.3447)
contains.

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Color

Yxy(41.7904, 0.4507, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D7D
RGB	255, 141, 125
RGB Percent	100%, 55%, 49%
CMY	0.0000, 0.4470, 0.5099
CMYK	0.00, 0.45, 0.51, 0.00
HSL	7°, 100%, 75%
HSV	7°, 51%, 100%
XYZ	54.4677, 41.7904, 24.5933
YIQ	173.2620, 73.0800, 19.1920

Conversions

Conversions Part 2

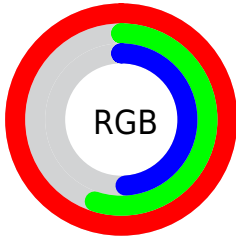
Format	Color
R _Y B	255, 143, 125
Decimal	16747901
CIE Lab	70.73, 41.49, 27.73
CIE LCh	71, 49.901, 33.756
Yxy	41.7904, 0.4507, 0.3458
Android (android.graphics.Color)	4294937981 (0xFFFF8D7D)
YUV	173.2620, -23.7932, 71.6842
Hunter-Lab	64.6455, 37.2673, 22.6960

Details

The Yxy color **41.7904, 0.4507, 0.3458** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.3027, 0.2427, 0.3101**, and the grayscale version is **42.0255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9542, 0.3755, 0.3480**, and **18.9706, 0.4909, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **35.2796, 0.4936, 0.3478**, and if you desaturate by 10%, it is **49.8012, 0.4127, 0.3428**.

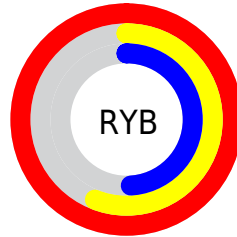
Distribution



Red (100%)

Green (55%)

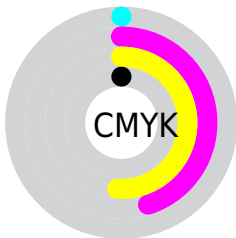
Blue (49%)



Red (100%)

Yellow (56%)

Blue (49%)

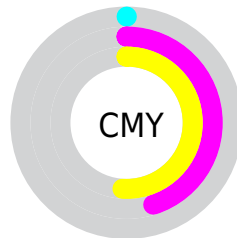


Cyan (0%)

Magenta (45%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7904, 0.4507, 0.3458 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 41.7904, 0.4507, 0.3458 by changing the saturation by 10% instead.


 41.7904, 0.4507,
0.3458


 41.7904, 0.4507,
0.3458


353.6133, 0.3801,
0.3410


 28.9372, 0.4684,
0.3457


 77.8823, 0.4249,
0.3450

 19.0333, 0.4910,
0.3448


 101.8898, 0.4152,
0.3444

 11.6944, 0.5206,
0.3423


 130.3842, 0.4070,
0.3438

 6.5359, 0.5605,
0.3362

163.7499, 0.4001,
0.3432

 3.1736, 0.6189,
0.3239

202.3712, 0.3940,
0.3426

 1.2230, 0.7052,
0.2948

246.6327, 0.3888,

 0.0804, 0.9327,

0.3421

0.0673

296.9186, 0.3842,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.7904, 0.4507,
0.3458

41.7904, 0.4507,
0.3458

35.2796, 0.4936,
0.3478

49.8012, 0.4127,
0.3428

30.1724, 0.5385,
0.3480

59.3947, 0.3804,
0.3394

26.3654, 0.5804,
0.3460

70.6509, 0.3538,
0.3359

23.7395, 0.6131,
0.3416

83.6436, 0.3320,
0.3325

■ 22.2617, 0.6315,
0.3368

■ 98.4421, 0.3143,
0.3293

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.



41.7904, 0.4065, 0.2939



41.7904, 0.4507, 0.3458



41.7904, 0.4509, 0.3994

Triad

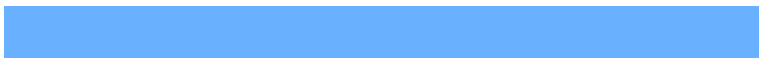
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.7904, 0.4507, 0.3458



41.7904, 0.2791, 0.4305



41.7904, 0.2142, 0.2196

Complementary

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



41.7904, 0.4507, 0.3458



73.3027, 0.2427, 0.3101

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.



41.7904, 0.1894, 0.2392



41.7904, 0.4507, 0.3458



41.7904, 0.2226, 0.3596

Square

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



41.7904, 0.4507, 0.3458



41.7904, 0.3484, 0.4619



41.7904, 0.1918, 0.2872



41.7904, 0.2649, 0.2248

Rectangle

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



41.7904, 0.4507, 0.3458



41.7904, 0.4283, 0.4315



41.7904, 0.1918, 0.2872



41.7904, 0.2030, 0.2231

Sweetspot

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



41.7914, 0.4507, 0.3458



78.2140, 0.3402, 0.3338



42.2055, 0.3321, 0.2181



16.1554, 0.3448, 0.3345



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.



41.7914, 0.4507, 0.3458



35.2710, 0.4936, 0.3478



66.4806, 0.4124, 0.4104



18.3474, 0.3291, 0.3320



11.7441, 0.6297, 0.3382



1.2521, 0.6129, 0.3515

Inverse Universe

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



73.3027, 0.2427, 0.3101



69.7957, 0.2330, 0.3058



42.1713, 0.2265, 0.2285



20.0769, 0.2980, 0.3260



31.6636, 0.2138, 0.2895



3.1857, 0.2151, 0.2945

Previews

White Background



This preview shows how the Yxy color 41.7904, 0.4507, 0.3458 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 41.7904, 0.4507, 0.3458 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 41.7904, 0.4507, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 41.7904, 0.4507, 0.3458.



This preview shows how white text looks on a background with the Yxy color 41.7904, 0.4507, 0.3458.

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

41.7904, 0.4507, 0.3458

Protanopia

41.9416, 0.3523, 0.3753

Deuteranopia

41.8939, 0.3950, 0.3870



Tritanopia

41.8634, 0.4266, 0.3200

Trichromacy



Original Color

41.7904, 0.4507, 0.3458

Protanomaly

40.9126, 0.3871, 0.3631

Deuteranomaly

41.3664, 0.4148, 0.3706

Tritanomaly

41.9096, 0.4350, 0.3294

Monochromacy



Original Color

41.7904, 0.4507, 0.3458

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5865, 0.3586, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7904, 0.4507, 0.3458 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 41.7904, 0.4507, 0.3458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

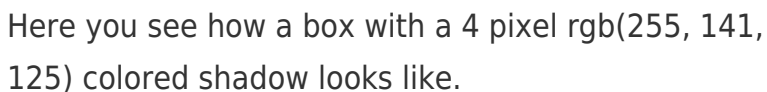
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 141, 125) }
```

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

```
.border{ border-color:rgb(255, 141, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 141, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 141, 125); box-shadow:4px 4px 4px 4px rgb(255, 141, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7904, 0.4507, 0.3458 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, 125) }
```

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

```
.background{ background-color: rgb(255,  
141, 125) }
```

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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