

Converting Colors

$Y_{xy}(41.5106, 0.4661, 0.3610)$

Have a look what the booklet for
Yxy(41.5106, 0.4661, 0.3610)
contains.

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Color

Yxy(41.4355, 0.4661, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D6E
RGB	255, 141, 110
RGB Percent	100%, 55%, 43%
CMY	0.0001, 0.4470, 0.5686
CMYK	0.00, 0.45, 0.57, 0.00
HSL	13°, 100%, 72%
HSV	13°, 57%, 100%
XYZ	53.5731, 41.4355, 19.9304
YIQ	171.5520, 77.8950, 14.5270

Conversions

Conversions Part 2

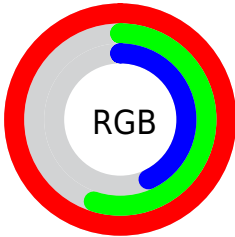
Format	Color
R _Y B	255, 149, 110
Decimal	16747886
CIE Lab	70.48, 40.26, 35.55
CIE LCh	70, 53.709, 41.439
Yxy	41.4355, 0.4661, 0.3605
Android (android.graphics.Color)	4294937966 (0xFFFF8D6E)
YUV	171.5520, -30.3451, 73.1839
Hunter-Lab	64.3704, 35.9106, 26.7019

Details

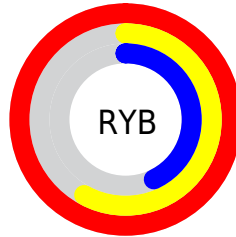
The Yxy color **41.4355, 0.4661, 0.3605** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.8285, 0.2333, 0.2912**, and the grayscale version is **41.1465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3485, 0.3886, 0.3647**, and **18.7966, 0.5098, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **35.5730, 0.5070, 0.3630**, and if you desaturate by 10%, it is **48.5317, 0.4283, 0.3560**.

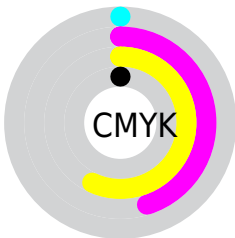
Distribution



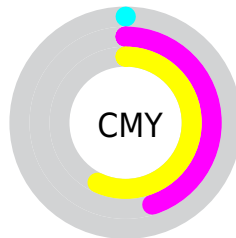
- Red (100%)
- Green (55%)
- Blue (43%)



- Red (100%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4355, 0.4661, 0.3605 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 41.4355, 0.4661, 0.3605 by changing the saturation by 10% instead.


 41.4355, 0.4661,
0.3605

 41.4355, 0.4661,
0.3605


352.1375, 0.3880,
0.3497

 28.6595, 0.4853,
0.3614


 77.3446, 0.4378,
0.3579


 18.8234, 0.5095,
0.3613


 101.2464, 0.4271,
0.3565

 11.5428, 0.5405,
0.3593


 129.6257, 0.4180,
0.3552

 6.4331, 0.5809,
0.3529

 162.8669, 0.4103,
0.3539

 3.1102, 0.6532,
0.3468

201.3542, 0.4036,
0.3527

 1.1895, 0.7017,
0.2983

245.4722, 0.3977,

 0.0531, 0.9518,

0.3517

0.0482

295.6051, 0.3926,
0.3506

0.0000, 0.0000,
0.0000

41.4355, 0.4661,
0.3605

41.4355, 0.4661,
0.3605

35.5730, 0.5070,
0.3630

48.5317, 0.4283,
0.3560

30.8659, 0.5479,
0.3624

56.9211, 0.3952,
0.3504

27.2367, 0.5842,
0.3580

66.6667, 0.3671,
0.3444

24.5940, 0.6112,
0.3501

77.8258, 0.3436,
0.3384

23.9438, 0.6180,
0.3475

90.4520, 0.3241,
0.3327

99.9951, 0.3127,
0.3290

Harmonies

Analogous

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



41.4355, 0.4301, 0.3045



41.4355, 0.4661, 0.3605



41.4355, 0.4534, 0.4170

Triad

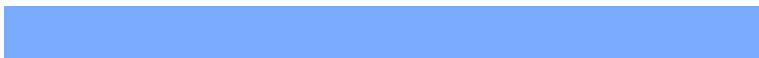
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4355, 0.4661, 0.3605



41.4355, 0.2584, 0.4224



41.4355, 0.2186, 0.2114

Complementary

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



41.4355, 0.4661, 0.3605



63.8285, 0.2333, 0.2912

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.



41.4355, 0.1854, 0.2245



41.4355, 0.4661, 0.3605



41.4355, 0.2047, 0.3400

Square

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



41.4355, 0.4661, 0.3605



41.4355, 0.3308, 0.4701



41.4355, 0.1802, 0.2672



41.4355, 0.2788, 0.2232

Rectangle

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



41.4355, 0.4661, 0.3605



41.4355, 0.4225, 0.4493



41.4355, 0.1802, 0.2672



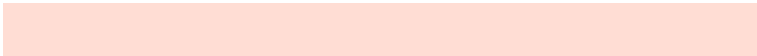
41.4355, 0.2044, 0.2128

Sweetspot

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



41.4377, 0.4661, 0.3605



77.6678, 0.3439, 0.3385



37.9005, 0.3469, 0.2172



16.1202, 0.3483, 0.3396



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.



41.4377, 0.4661, 0.3605



34.9831, 0.5118, 0.3631



69.2120, 0.4184, 0.4293



18.6166, 0.3289, 0.3342



12.6883, 0.6154, 0.3496



1.3860, 0.5945, 0.3662

Inverse Universe

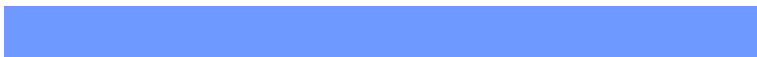
The Inverse Universe completely reimagines the original color for something new.



63.8285, 0.2333, 0.2912



59.0922, 0.2225, 0.2825



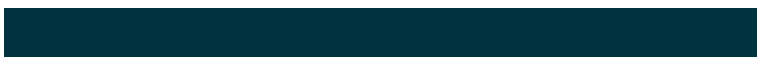
33.4821, 0.2133, 0.1986



19.7831, 0.2980, 0.3238



25.6946, 0.2051, 0.2585



2.6583, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 41.4355, 0.4661, 0.3605 looks on a white background.

Color Contrast Check

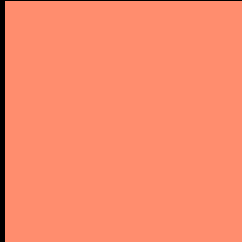
Large Text (above 18pt) WCAG AA × Fail

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 41.4355, 0.4661, 0.3605 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 41.4355, 0.4661, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 41.4355, 0.4661, 0.3605.



This preview shows how white text looks on a background with the Yxy color 41.4355, 0.4661, 0.3605.

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

41.4355, 0.4661, 0.3605

Protanopia

41.7563, 0.3682, 0.3966

Deuteranopia

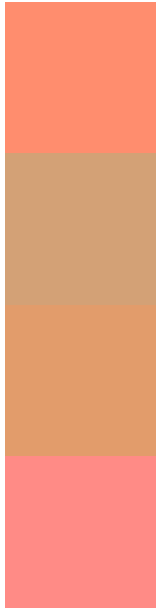
41.4855, 0.4110, 0.4031



Tritanopia

41.5435, 0.4282, 0.3200

Trichromacy



Original Color

41.4355, 0.4661, 0.3605

Protanomaly

40.6466, 0.4036, 0.3826

Deuteranomaly

41.0072, 0.4318, 0.3857

Tritanomaly

41.4465, 0.4421, 0.3345

Monochromacy



Original Color

41.4355, 0.4661, 0.3605

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2162, 0.3644, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4355, 0.4661, 0.3605 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 110) }
```

Border

The CSS property to change the border of an element to Yxy 41.4355, 0.4661, 0.3605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

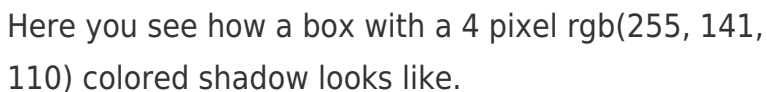
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 141, 110) }
```

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

```
.border{ border-color:rgb(255, 141, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 141, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 141, 110); box-shadow:4px 4px 4px 4px rgb(255, 141, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4355, 0.4661, 0.3605 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, 110) }
```

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

```
.background{ background-color: rgb(255,  
141, 110) }
```

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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