

Converting Colors

$Y_{xy}(41.4000, 0.4642, 0.3582)$

Have a look what the booklet for
Yxy(41.4000, 0.4642, 0.3582)
contains.

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Color

Yxy(41.4796, 0.4641, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D70
RGB	255, 141, 112
RGB Percent	100%, 55%, 44%
CMY	0.0001, 0.4470, 0.5607
CMYK	0.00, 0.45, 0.56, 0.00
HSL	12°, 100%, 72%
HSV	12°, 56%, 100%
XYZ	53.6829, 41.4796, 20.5085
YIQ	171.7800, 77.2530, 15.1490

Conversions

Conversions Part 2

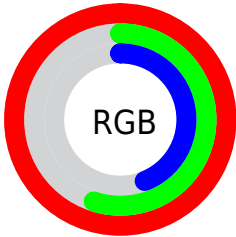
Format	Color
R_{YB}	255, 148, 112
Decimal	16747888
CIE _{Lab}	70.51, 40.41, 34.51
CIE _{LCh}	71, 53.144, 40.496
Yxy	41.4796, 0.4641, 0.3586
Android (android.graphics.Color)	4294937968 (0xFFFF8D70)
YUV	171.7800, -29.4715, 72.9839
Hunter-Lab	64.4047, 36.0760, 26.2035

Details

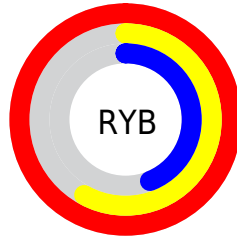
The Yxy color **41.4796, 0.4641, 0.3586** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65.0345, 0.2345, 0.2938**, and the grayscale version is **41.2633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4202, 0.3870, 0.3626**, and **18.8077, 0.5086, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **35.5373, 0.5053, 0.3611**, and if you desaturate by 10%, it is **48.6867, 0.4263, 0.3542**.

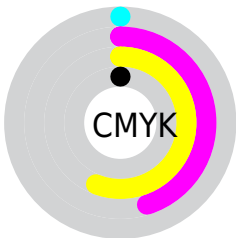
Distribution



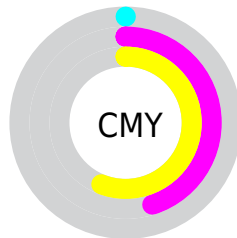
- Red (100%)
- Green (55%)
- Blue (44%)



- Red (100%)
- Yellow (58%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4796, 0.4641, 0.3586 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 41.4796, 0.4641, 0.3586 by changing the saturation by 10% instead.

 41.4796, 0.4641,
0.3586

 41.4796, 0.4641,
0.3586


352.3211, 0.3869,
0.3486


 28.6940, 0.4831,
0.3594


 77.4114, 0.4361,
0.3562


 18.8495, 0.5071,
0.3592


 101.3264, 0.4255,
0.3549

 11.5616, 0.5381,
0.3572


 129.7201, 0.4166,
0.3537

 6.4459, 0.5785,
0.3509

 162.9767, 0.4089,
0.3525

 3.1181, 0.6493,
0.3441

201.4807, 0.4023,
0.3514

 1.1937, 0.7022,
0.2978

245.6165, 0.3965,

 0.0565, 0.9492,

0.3504

0.0508

295.7685, 0.3915,
0.3494

0.0000, 0.0000,
0.0000

41.4796, 0.4641,
0.3586

41.4796, 0.4641,
0.3586

35.5373, 0.5053,
0.3611

48.6867, 0.4263,
0.3542

30.7791, 0.5468,
0.3606

57.2200, 0.3933,
0.3489

27.1249, 0.5839,
0.3566

67.1447, 0.3653,
0.3431

24.4808, 0.6116,
0.3491

78.5198, 0.3420,
0.3375

23.6884, 0.6199,
0.3460

91.4007, 0.3227,
0.3321

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.



41.4796, 0.4270, 0.3031



41.4796, 0.4641, 0.3586



41.4796, 0.4531, 0.4146

Triad

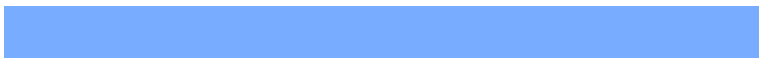
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4796, 0.4641, 0.3586



41.4796, 0.2611, 0.4235



41.4796, 0.2181, 0.2124

Complementary

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



41.4796, 0.4641, 0.3586



65.0345, 0.2345, 0.2938

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.



41.4796, 0.1859, 0.2264



41.4796, 0.4641, 0.3586



41.4796, 0.2070, 0.3426

Square

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



41.4796, 0.4641, 0.3586



41.4796, 0.3331, 0.4690



41.4796, 0.1818, 0.2698



41.4796, 0.2770, 0.2235

Rectangle

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



41.4796, 0.4641, 0.3586



41.4796, 0.4232, 0.4469



41.4796, 0.1818, 0.2698



41.4796, 0.2043, 0.2141

Sweetspot

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



41.4818, 0.4641, 0.3586



77.4176, 0.3440, 0.3380



38.3573, 0.3463, 0.2185



16.0618, 0.3484, 0.3391



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.



41.4818, 0.4641, 0.3586



35.0541, 0.5092, 0.3612



69.5544, 0.4168, 0.4281



18.5840, 0.3289, 0.3339



12.5476, 0.6175, 0.3479



1.3679, 0.5969, 0.3643

Inverse Universe

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



65.0345, 0.2345, 0.2938



60.4697, 0.2239, 0.2857



34.0726, 0.2146, 0.2007



19.8184, 0.2980, 0.3241



26.3710, 0.2062, 0.2623



2.7186, 0.2086, 0.2708

Previews

White Background



This preview shows how the Yxy color 41.4796, 0.4641, 0.3586 looks on a white background.

Color Contrast Check

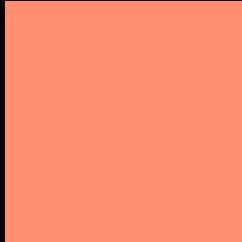
Large Text (above 18pt) WCAG AA × Fail

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 41.4796, 0.4641, 0.3586 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 41.4796, 0.4641, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 41.4796, 0.4641, 0.3586.



This preview shows how white text looks on a background with the Yxy color 41.4796, 0.4641, 0.3586.

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

41.4796, 0.4641, 0.3586

Protanopia

41.8069, 0.3665, 0.3939

Deuteranopia

41.5271, 0.4092, 0.4008



Tritanopia

41.5435, 0.4282, 0.3200

Trichromacy



Original Color

41.4796, 0.4641, 0.3586

Protanomaly

40.6947, 0.4017, 0.3801

Deuteranomaly

41.0498, 0.4299, 0.3835

Tritanomaly

41.4465, 0.4421, 0.3345

Monochromacy



Original Color

41.4796, 0.4641, 0.3586

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2483, 0.3634, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4796, 0.4641, 0.3586 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 112) }
```

Border

The CSS property to change the border of an element to Yxy 41.4796, 0.4641, 0.3586 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, 112) }
```

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

```
.border{ border-color:rgb(255, 141, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4796, 0.4641, 0.3586 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, 112) }
```

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

```
.background{ background-color: rgb(255,  
141, 112) }
```

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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