

Converting Colors

$Y_{xy}(41.7948, 0.4583, 0.3541)$

Have a look what the booklet for
Yxy(41.7948, 0.4583, 0.3541)
contains.

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Color

Yxy(41.8904, 0.4584, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E75
RGB	255, 142, 117
RGB Percent	100%, 56%, 46%
CMY	0.0000, 0.4431, 0.5413
CMYK	0.00, 0.44, 0.54, 0.00
HSL	11°, 100%, 73%
HSV	11°, 54%, 100%
XYZ	54.1222, 41.8904, 22.0550
YIQ	172.9370, 75.3730, 16.1810

Conversions

Conversions Part 2

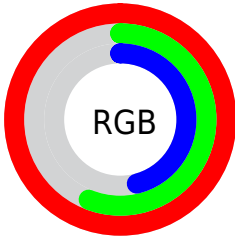
Format	Color
R_{YB}	255, 148, 117
Decimal	16748149
CIE _{Lab}	70.80, 40.31, 32.19
CIE _{LCh}	71, 51.586, 38.609
Yxy	41.8904, 0.4584, 0.3548
Android (android.graphics.Color)	4294938229 (0xFFFF8E75)
YUV	172.9370, -27.5769, 71.9693
Hunter-Lab	64.7228, 35.9996, 25.1022

Details

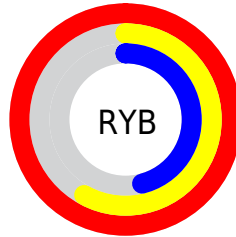
The Yxy color **41.8904, 0.4584, 0.3548** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.5732, 0.2374, 0.2989**, and the grayscale version is **41.8706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0571, 0.3825, 0.3584**, and **19.0314, 0.5010, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **35.7310, 0.5000, 0.3573**, and if you desaturate by 10%, it is **49.3806, 0.4207, 0.3507**.

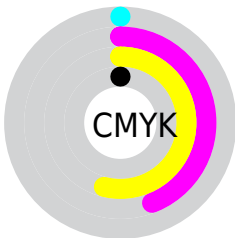
Distribution



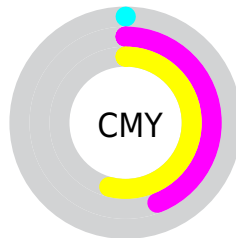
- Red (100%)
- Green (56%)
- Blue (46%)



- Red (100%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8904, 0.4584, 0.3548 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 41.8904, 0.4584, 0.3548 by changing the saturation by 10% instead.

 41.8904, 0.4584,
0.3548


 41.8904, 0.4584,
0.3548


354.0284, 0.3841,
0.3462

 29.0155, 0.4768,
0.3554


 78.0337, 0.4314,
0.3528

 19.0925, 0.5002,
0.3552


 102.0709, 0.4212,
0.3517

 11.7372, 0.5304,
0.3532


 130.5977, 0.4126,
0.3506

 6.5650, 0.5704,
0.3474


163.9983, 0.4052,
0.3496

 3.1916, 0.6345,
0.3384

202.6574, 0.3989,
0.3487

 1.2325, 0.7000,
0.3000

246.9591, 0.3933,

 0.0880, 0.9252,

0.3478

0.0748

297.2880, 0.3884,
0.3470

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.8904, 0.4584,
0.3548

41.8904, 0.4584,
0.3548

35.7310, 0.5000,
0.3573

49.3806, 0.4207,
0.3507

30.8172, 0.5426,
0.3573

58.2671, 0.3881,
0.3458

27.0640, 0.5815,
0.3540

68.6191, 0.3607,
0.3407

24.3720, 0.6112,
0.3475

80.4989, 0.3381,
0.3356

■ 23.2333, 0.6236,
0.3431

■ 93.9653, 0.3194,
0.3309

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



41.8904, 0.4196, 0.3009



41.8904, 0.4584, 0.3548



41.8904, 0.4509, 0.4095

Triad

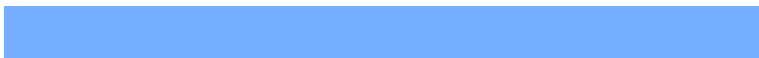
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.8904, 0.4584, 0.3548



41.8904, 0.2670, 0.4243



41.8904, 0.2180, 0.2157

Complementary

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



41.8904, 0.4584, 0.3548



67.5732, 0.2374, 0.2989

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.



41.8904, 0.1883, 0.2313



41.8904, 0.4584, 0.3548



41.8904, 0.2127, 0.3474

Square

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



41.8904, 0.4584, 0.3548



41.8904, 0.3375, 0.4651



41.8904, 0.1861, 0.2756



41.8904, 0.2739, 0.2250

Rectangle

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



41.8904, 0.4584, 0.3548



41.8904, 0.4236, 0.4412



41.8904, 0.1861, 0.2756



41.8904, 0.2051, 0.2180

Sweetspot

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



41.8926, 0.4584, 0.3548



78.1558, 0.3420, 0.3366



39.8025, 0.3402, 0.2178



16.1907, 0.3465, 0.3376



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.



41.8926, 0.4584, 0.3548



35.2540, 0.5038, 0.3574



68.1396, 0.4156, 0.4211



18.5197, 0.3290, 0.3334



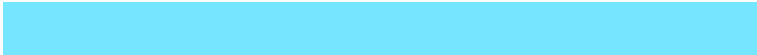
12.2927, 0.6212, 0.3449



1.3341, 0.6014, 0.3607

Inverse Universe

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



67.5732, 0.2374, 0.2989



63.1721, 0.2268, 0.2918



37.1886, 0.2193, 0.2120



19.8880, 0.2980, 0.3246



27.7382, 0.2083, 0.2698



2.8400, 0.2104, 0.2773

Previews

White Background



This preview shows how the Yxy color 41.8904, 0.4584, 0.3548 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 41.8904, 0.4584, 0.3548 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 41.8904, 0.4584, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 41.8904, 0.4584, 0.3548.



This preview shows how white text looks on a background with the Yxy color 41.8904, 0.4584, 0.3548.

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

41.8904, 0.4584, 0.3548

Protanopia

41.9379, 0.3621, 0.3872

Deuteranopia

41.9976, 0.4042, 0.3961



Tritanopia

41.8952, 0.4255, 0.3189

Trichromacy



Original Color

41.8904, 0.4584, 0.3548

Protanomaly

41.1702, 0.3964, 0.3753

Deuteranomaly

41.4976, 0.4245, 0.3792

Tritanomaly

41.8223, 0.4383, 0.3325

Monochromacy



Original Color

41.8904, 0.4584, 0.3548

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8371, 0.3612, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8904, 0.4584, 0.3548 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, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 117)  
}
```

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, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 117) }
```

Border

The CSS property to change the border of an element to Yxy 41.8904, 0.4584, 0.3548 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, 142, 117) }
```

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

```
.border{ border-color:rgb(255, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8904, 0.4584, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 117) }
```

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

```
.background{ background-color: rgb(255,  
142, 117) }
```

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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