

Converting Colors

$Y_{xy}(41.3549, 0.4617, 0.3553)$

Have a look what the booklet for
Yxy(41.3549, 0.4617, 0.3553)
contains.

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Color

Yxy(41.2540, 0.4618, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	FF8C73
RGB	255, 140, 115
RGB Percent	100%, 55%, 45%
CMY	0.0000, 0.4509, 0.5491
CMYK	0.00, 0.45, 0.55, 0.00
HSL	11°, 100%, 73%
HSV	11°, 55%, 100%
XYZ	53.7105, 41.2540, 21.3423
YIQ	171.5350, 76.5650, 16.6050

Conversions

Conversions Part 2

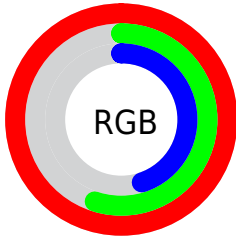
Format	Color
R_{YB}	255, 145, 115
Decimal	16747635
CIE _{Lab}	70.35, 41.16, 32.71
CIE _{LCh}	70, 52.574, 38.472
Yxy	41.2540, 0.4618, 0.3547
Android (android.graphics.Color)	4294937715 (0xFFFF8C73)
YUV	171.5350, -27.8718, 73.1988
Hunter-Lab	64.2293, 36.8658, 25.2594

Details

The Yxy color **41.2540, 0.4618, 0.3547** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.4314, 0.2367, 0.2988**, and the grayscale version is **41.1228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0802, 0.3849, 0.3585**, and **18.6791, 0.5057, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **35.1995, 0.5037, 0.3570**, and if you desaturate by 10%, it is **48.6395, 0.4236, 0.3508**.

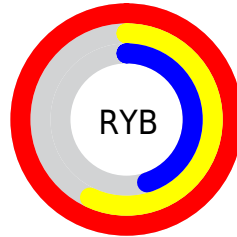
Distribution



Red (100%)

Green (55%)

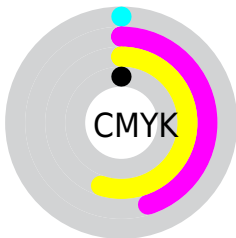
Blue (45%)



Red (100%)

Yellow (57%)

Blue (45%)

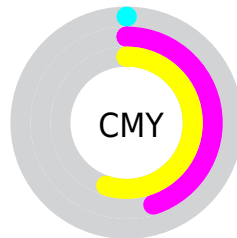


Cyan (0%)

Magenta (45%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2540, 0.4618, 0.3547 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 41.2540, 0.4618, 0.3547 by changing the saturation by 10% instead.


 41.2540, 0.4618,
0.3547


 41.2540, 0.4618,
0.3547


351.3811, 0.3856,
0.3463


 28.5176, 0.4807,
0.3551


 77.0693, 0.4341,
0.3528

 18.7162, 0.5047,
0.3547


 100.9170, 0.4236,
0.3518

 11.4654, 0.5356,
0.3524


 129.2373, 0.4148,
0.3508

 6.3808, 0.5766,
0.3458

 162.4146, 0.4073,
0.3498

 3.0780, 0.6448,
0.3370

200.8332, 0.4008,
0.3488

 1.1726, 0.7062,
0.2938

244.8775, 0.3951,

 0.0391, 0.9643,

0.3479

0.0357

294.9320, 0.3901,
0.3471

0.0000, 0.0000,
0.0000

41.2540, 0.4618,
0.3547

41.2540, 0.4618,
0.3547

35.1995, 0.5037,
0.3570

48.6395, 0.4236,
0.3508

30.3895, 0.5463,
0.3567

57.4226, 0.3906,
0.3460

26.7373, 0.5847,
0.3532

67.6734, 0.3628,
0.3409

24.1414, 0.6135,
0.3465

79.4552, 0.3397,
0.3359

23.1824, 0.6240,
0.3428

92.8274, 0.3208,
0.3312

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



41.2540, 0.4220, 0.2999



41.2540, 0.4618, 0.3547



41.2540, 0.4541, 0.4105

Triad

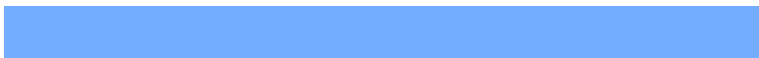
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2540, 0.4618, 0.3547



41.2540, 0.2661, 0.4272



41.2540, 0.2158, 0.2134

Complementary

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



41.2540, 0.4618, 0.3547



67.4314, 0.2367, 0.2988

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.



41.2540, 0.1857, 0.2292



41.2540, 0.4618, 0.3547



41.2540, 0.2106, 0.3481

Square

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



41.2540, 0.4618, 0.3547



41.2540, 0.3380, 0.4687



41.2540, 0.1835, 0.2744



41.2540, 0.2726, 0.2228

Rectangle

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



41.2540, 0.4618, 0.3547



41.2540, 0.4261, 0.4432



41.2540, 0.1835, 0.2744



41.2540, 0.2027, 0.2157

Sweetspot

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



41.2561, 0.4618, 0.3547



78.1007, 0.3420, 0.3364



39.3209, 0.3407, 0.2165



16.1778, 0.3465, 0.3375



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.



41.2561, 0.4618, 0.3547



34.6187, 0.5084, 0.3571



67.7651, 0.4173, 0.4222



18.5122, 0.3290, 0.3333



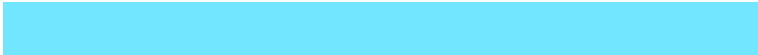
12.2644, 0.6217, 0.3446



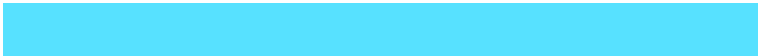
1.3303, 0.6019, 0.3603

Inverse Universe

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



67.4314, 0.2367, 0.2988



63.0294, 0.2261, 0.2917



36.5787, 0.2180, 0.2100



19.8963, 0.2980, 0.3246



27.9028, 0.2085, 0.2707



2.8546, 0.2106, 0.2780

Previews

White Background



This preview shows how the Yxy color 41.2540, 0.4618, 0.3547 looks on a white background.

Color Contrast Check

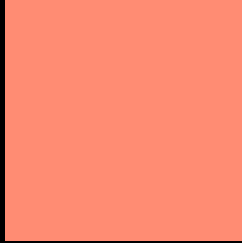
Large Text (above 18pt) WCAG AA × Fail

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 41.2540, 0.4618, 0.3547 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 41.2540, 0.4618, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 41.2540, 0.4618, 0.3547.



This preview shows how white text looks on a background with the Yxy color 41.2540, 0.4618, 0.3547.

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

41.2540, 0.4618, 0.3547

Protanopia

41.4043, 0.3624, 0.3875

Deuteranopia

41.4460, 0.4056, 0.3976



Tritanopia

41.2266, 0.4298, 0.3200

Trichromacy



Original Color

41.2540, 0.4618, 0.3547

Protanomaly

40.2985, 0.3974, 0.3743

Deuteranomaly

40.9543, 0.4261, 0.3805

Tritanomaly

41.1862, 0.4416, 0.3325

Monochromacy



Original Color

41.2540, 0.4618, 0.3547

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9325, 0.3628, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2540, 0.4618, 0.3547 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, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 115)  
}
```

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, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 115) }
```

Border

The CSS property to change the border of an element to Yxy 41.2540, 0.4618, 0.3547 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, 140, 115) }
```

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

```
.border{ border-color:rgb(255, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2540, 0.4618, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 115) }
```

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

```
.background{ background-color: rgb(255,  
140, 115) }
```

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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