

Converting Colors

$Y_{xy}(47.1958, 0.4351, 0.3573)$

Have a look what the booklet for
Yxy(47.1958, 0.4351, 0.3573)
contains.

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Color

Yxy(47.3524, 0.4345, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E83
RGB	255, 158, 131
RGB Percent	100%, 62%, 51%
CMY	0.0000, 0.3804, 0.4863
CMYK	0.00, 0.38, 0.49, 0.00
HSL	13°, 100%, 76%
HSV	13°, 49%, 100%
XYZ	57.5675, 47.3524, 27.5714
YIQ	183.9250, 66.4790, 12.1670

Conversions

Conversions Part 2

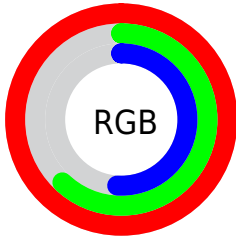
Format	Color
R _Y B	255, 166, 131
Decimal	16752259
CIE Lab	74.41, 33.32, 29.36
CIE LCh	74, 44.410, 41.379
Yxy	47.3524, 0.4345, 0.3574
Android (android.graphics.Color)	4294942339 (0xFFFF9E83)
YUV	183.9250, -26.0920, 62.3328
Hunter-Lab	68.8131, 28.9062, 24.4133

Details

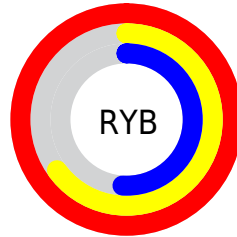
The Yxy color **47.3524, 0.4345, 0.3574** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.5213, 0.2425, 0.2969**, and the grayscale version is **48.0059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3092, 0.3658, 0.3590**, and **22.2993, 0.4692, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **40.4822, 0.4728, 0.3617**, and if you desaturate by 10%, it is **55.4949, 0.4006, 0.3518**.

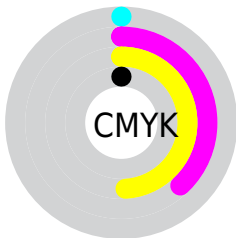
Distribution



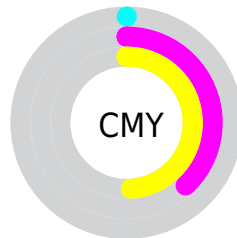
- Red (100%)
- Green (62%)
- Blue (51%)



- Red (100%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (0%)




- Cyan (0%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3524, 0.4345, 0.3574 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 47.3524, 0.4345, 0.3574 by changing the saturation by 10% instead.

 47.3524, 0.4345,
0.3574

 47.3524, 0.4345,
0.3574


376.2194, 0.3734,
0.3464


 33.3143, 0.4495,
0.3591


 86.2394, 0.4124,
0.3542

 22.3673, 0.4684,
0.3605


 111.8571, 0.4041,
0.3528

 14.1271, 0.4929,
0.3614


 142.1035, 0.3970,
0.3515

 8.2091, 0.5256,
0.3604

177.3630, 0.3910,
0.3503

 4.2290, 0.5703,
0.3549

218.0199, 0.3857,
0.3492

 1.8025, 0.6522,
0.3478

264.4587, 0.3811,

 0.4887, 0.7353,

0.3482

0.2647

317.0637, 0.3770,
0.3472

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3524, 0.4345,
0.3574

47.3524, 0.4345,
0.3574

40.4822, 0.4728,
0.3617

55.4949, 0.4006,
0.3518

34.8214, 0.5138,
0.3638

64.9738, 0.3717,
0.3457

30.2969, 0.5541,
0.3626

75.8449, 0.3474,
0.3396

26.8285, 0.5890,
0.3575

88.1621, 0.3273,
0.3338

■ 24.3214, 0.6143,
0.3492

100.0000, 0.3127,
0.3290

■ 24.0450, 0.6172,
0.3481

Harmonies

Analogous

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



47.3524, 0.4054, 0.3104



47.3524, 0.4345, 0.3574



47.3524, 0.4263, 0.4030

Triad

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



47.3524, 0.4345, 0.3574



47.3524, 0.2707, 0.4012



47.3524, 0.2365, 0.2328

Complementary

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



47.3524, 0.4345, 0.3574



67.5213, 0.2425, 0.2969

Split Complementary

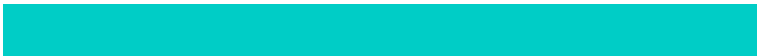
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.3524, 0.2084, 0.2451



47.3524, 0.4345, 0.3574



47.3524, 0.2259, 0.3391

Square

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



47.3524, 0.4345, 0.3574



47.3524, 0.3295, 0.4385



47.3524, 0.2045, 0.2814



47.3524, 0.2862, 0.2422

Rectangle

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



47.3524, 0.4345, 0.3574



47.3524, 0.4027, 0.4272



47.3524, 0.2045, 0.2814



47.3524, 0.2246, 0.2343

Sweetspot

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



47.3514, 0.4345, 0.3574



80.1519, 0.3397, 0.3374



43.0963, 0.3427, 0.2330



16.6161, 0.3441, 0.3387



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.



47.3514, 0.4345, 0.3574



40.8815, 0.4702, 0.3615



74.0119, 0.4007, 0.4183



18.6284, 0.3289, 0.3342



12.7409, 0.6147, 0.3502



1.3927, 0.5936, 0.3668

Inverse Universe

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



67.5213, 0.2425, 0.2969



63.0101, 0.2319, 0.2896



39.3599, 0.2276, 0.2181



19.7703, 0.2980, 0.3237



25.4537, 0.2048, 0.2571



2.6368, 0.2073, 0.2662

Previews

White Background



This preview shows how the Yxy color 47.3524, 0.4345, 0.3574 looks on a white background.

Color Contrast Check

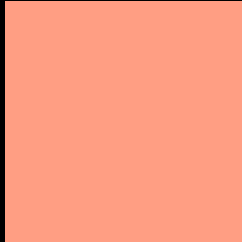
Large Text (above 18pt) WCAG AA × Fail

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 47.3524, 0.4345, 0.3574 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 47.3524, 0.4345, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 47.3524, 0.4345, 0.3574.



This preview shows how white text looks on a background with the Yxy color 47.3524, 0.4345, 0.3574.

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

47.3524, 0.4345, 0.3574

Protanopia

47.5557, 0.3579, 0.3818

Deuteranopia

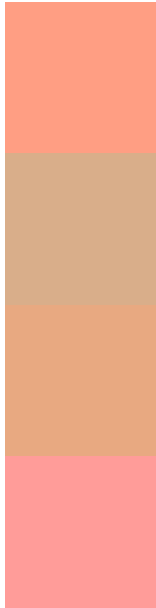
47.6692, 0.3942, 0.3864



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.3524, 0.4345, 0.3574

Protanomaly

46.8588, 0.3844, 0.3727

Deuteranomaly

47.1167, 0.4091, 0.3748

Tritanomaly

47.3368, 0.4135, 0.3325

Monochromacy



Original Color

47.3524, 0.4345, 0.3574

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.0782, 0.3532, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3524, 0.4345, 0.3574 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, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 131)  
}
```

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, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 131) }
```

Border

The CSS property to change the border of an element to Yxy 47.3524, 0.4345, 0.3574 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, 158, 131) }
```

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

```
.border{ border-color:rgb(255, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 158, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 158, 131); box-shadow:4px 4px 4px 4px rgb(255, 158, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3524, 0.4345, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 131) }
```

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

```
.background{ background-color: rgb(255,  
158, 131) }
```

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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