

# Converting Colors

$Y_{xy}(43.0431, 0.4461, 0.3479)$

Have a look what the booklet for  
Yxy(43.0431, 0.4461, 0.3479)  
contains.

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# Color

**Yxy(43.0431, 0.4461, 0.3479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF917F
RGB	255, 145, 127
RGB Percent	100%, 57%, 50%
CMY	0.0001, 0.4313, 0.5019
CMYK	0.00, 0.43, 0.50, 0.00
HSL	8°, 100%, 75%
HSV	8°, 50%, 100%
XYZ	55.1927, 43.0431, 25.4869
YIQ	175.8380, 71.3380, 17.7220

# Conversions

## Conversions Part 2

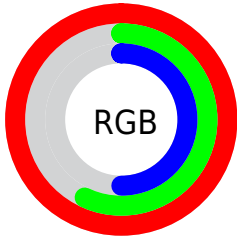
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 148, 127
Decimal	16748927
CIE Lab	71.58, 39.62, 27.75
CIE LCh	72, 48.375, 35.004
Yxy	43.0431, 0.4461, 0.3479
Android (android.graphics.Color)	4294939007 (0xFFFF917F)
YUV	175.8380, -24.0771, 69.4251
Hunter-Lab	65.6072, 35.3520, 22.8923

# Details

The Yxy color **43.0431, 0.4461, 0.3479** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2974, 0.2430, 0.3078**, and the grayscale version is **43.4302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8638, 0.3727, 0.3500**, and **19.6737, 0.4843, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **36.3979, 0.4880, 0.3503**, and if you desaturate by 10%, it is **51.1525, 0.4091, 0.3444**.

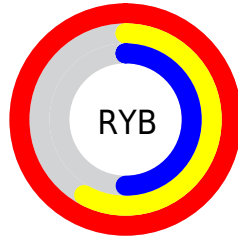
# Distribution



Red (100%)

Green (57%)

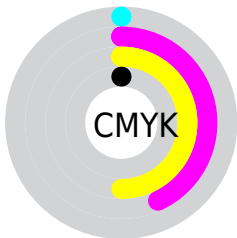
Blue (50%)



Red (100%)

Yellow (58%)

Blue (50%)

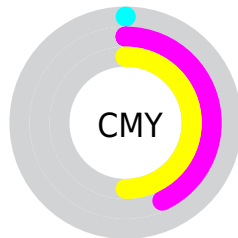


Cyan (0%)

Magenta (43%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (43%)


Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0431, 0.4461, 0.3479 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 43.0431, 0.4461, 0.3479 by changing the saturation by 10% instead.





 43.0431, 0.4461,  
0.3479


 43.0431, 0.4461,  
0.3479


358.7890, 0.3781,  
0.3419

 29.9189, 0.4631,  
0.3482


 79.7759, 0.4213,  
0.3466

 19.7771, 0.4847,  
0.3478


 104.1533, 0.4120,  
0.3459

 12.2331, 0.5130,  
0.3461


 133.0506, 0.4041,  
0.3451

 6.9026, 0.5510,  
0.3413

166.8522, 0.3974,  
0.3444

 3.4013, 0.6054,  
0.3304

205.9424, 0.3916,  
0.3437

 1.3446, 0.6926,  
0.3074

250.7057, 0.3865,

 0.1754, 0.8696,

0.3431

0.1304

301.5264, 0.3821,  
0.3425

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

43.0431, 0.4461,  
0.3479

43.0431, 0.4461,  
0.3479

36.3979, 0.4880,  
0.3503

51.1525, 0.4091,  
0.3444

31.1229, 0.5323,  
0.3509

60.7996, 0.3777,  
0.3405

27.1233, 0.5743,  
0.3490

72.0610, 0.3517,  
0.3365

24.2891, 0.6081,  
0.3444

85.0060, 0.3304,  
0.3327

■ 22.5090, 0.6294,  
0.3384

99.7002, 0.3130,  
0.3291

99.9965, 0.3127,  
0.3290

# Harmonies

## Analogous

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



43.0431, 0.4053, 0.2974



43.0431, 0.4461, 0.3479



43.0431, 0.4449, 0.3996

# Triad

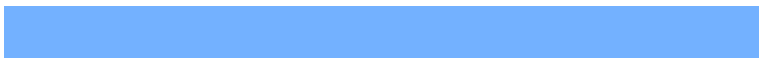
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.0431, 0.4461, 0.3479



43.0431, 0.2781, 0.4237



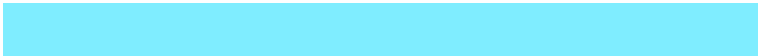
43.0431, 0.2193, 0.2231

# Complementary

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



43.0431, 0.4461, 0.3479



72.2974, 0.2430, 0.3078

# 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.



43.0431, 0.1941, 0.2413



43.0431, 0.4461, 0.3479



43.0431, 0.2243, 0.3554

# Square

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



43.0431, 0.4461, 0.3479



43.0431, 0.3447, 0.4560



43.0431, 0.1954, 0.2867



43.0431, 0.2693, 0.2290



# Rectangle

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



43.0431, 0.4461, 0.3479



43.0431, 0.4224, 0.4299



43.0431, 0.1954, 0.2867



43.0431, 0.2080, 0.2263

# Sweetspot

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



43.0453, 0.4461, 0.3479



78.5670, 0.3401, 0.3345



42.6108, 0.3337, 0.2213



16.2392, 0.3447, 0.3353



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.



43.0453, 0.4461, 0.3479



36.5120, 0.4872, 0.3503



67.9331, 0.4094, 0.4112



18.3988, 0.3291, 0.3324



11.8875, 0.6275, 0.3400

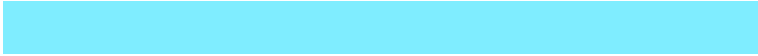


1.2762, 0.6095, 0.3543



# Inverse Universe

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



72.2974, 0.2430, 0.3078



68.6006, 0.2332, 0.3029



41.9835, 0.2274, 0.2277



20.0203, 0.2980, 0.3256



30.4536, 0.2122, 0.2837



3.0796, 0.2137, 0.2894



# Previews

## White Background



This preview shows how the Yxy color 43.0431, 0.4461, 0.3479 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 43.0431, 0.4461, 0.3479 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 43.0431, 0.4461, 0.3479**

## Background



This preview shows how black text looks on a background with the Yxy color 43.0431, 0.4461, 0.3479.



This preview shows how white text looks on a background with the Yxy color 43.0431, 0.4461, 0.3479.

# 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

43.0431, 0.4461, 0.3479

### Protanopia

43.1478, 0.3528, 0.3747

### Deuteranopia

42.9906, 0.3932, 0.3853



## Tritanopia

43.1719, 0.4204, 0.3199

# Trichromacy



## Original Color

43.0431, 0.4461, 0.3479



## Protanomaly

42.3255, 0.3858, 0.3640



## Deuteranomaly

42.7656, 0.4131, 0.3714



## Tritanomaly

43.1897, 0.4297, 0.3304

# Monochromacy



## Original Color

43.0431, 0.4461, 0.3479



## Achromatopsia

43.4154, 0.3127, 0.3290



## Achromatomaly

42.3580, 0.3575, 0.3380

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.0431, 0.4461, 0.3479 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, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 127)  
}
```

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, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 127) }
```

## Border

The CSS property to change the border of an element to Yxy 43.0431, 0.4461, 0.3479 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, 145, 127) }
```

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

```
.border{ border-color:rgb(255, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
127) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.0431, 0.4461, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 127) }
```

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

```
.background{ background-color: rgb(255,  
145, 127) }
```

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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