

# Converting Colors

$Y_{xy}(49.8028, 0.4664, 0.3454)$

Have a look what the booklet for  
Yxy(49.8028, 0.4664, 0.3454)  
contains.

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# Color

**Yxy(43.7391, 0.4418, 0.3469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9382
RGB	255, 147, 130
RGB Percent	100%, 58%, 51%
CMY	0.0000, 0.4235, 0.4900
CMYK	0.00, 0.42, 0.49, 0.00
HSL	8°, 100%, 75%
HSV	8°, 49%, 100%
XYZ	55.7046, 43.7391, 26.6419
YIQ	177.3540, 69.8250, 17.6090

# Conversions

## Conversions Part 2

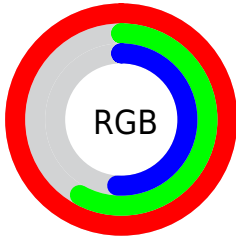
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 150, 130
Decimal	16749442
CIE <sub>Lab</sub>	72.05, 38.89, 26.72
CIE <sub>LCh</sub>	72, 47.184, 34.499
Yxy	43.7391, 0.4418, 0.3469
Android (android.graphics.Color)	4294939522 (0xFFFF9382)
YUV	177.3540, -23.3455, 68.0955
Hunter-Lab	66.1355, 34.6097, 22.4106

# Details

The Yxy color **43.7391, 0.4418, 0.3469** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.1412, 0.2444, 0.3091**, and the grayscale version is **44.2630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9200, 0.3697, 0.3489**, and **20.2016, 0.4793, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **36.9286, 0.4834, 0.3494**, and if you desaturate by 10%, it is **52.0366, 0.4053, 0.3435**.

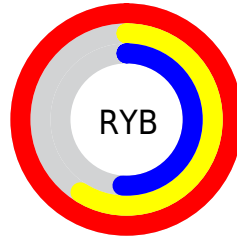
# Distribution



Red (100%)

Green (58%)

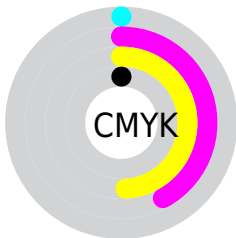
Blue (51%)



Red (100%)

Yellow (59%)

Blue (51%)

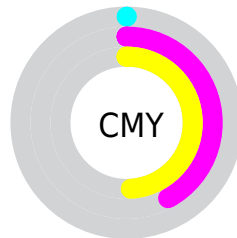


Cyan (0%)

Magenta (42%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (42%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7391, 0.4418, 0.3469 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 43.7391, 0.4418, 0.3469 by changing the saturation by 10% instead.





 43.7391, 0.4418,  
0.3469

 43.7391, 0.4418,  
0.3469

361.6426, 0.3761,  
0.3412


 30.4655, 0.4582,  
0.3472


 80.8250, 0.4179,  
0.3456

 20.1921, 0.4791,  
0.3470


 105.4061, 0.4089,  
0.3449

 12.5348, 0.5064,  
0.3454


 134.5250, 0.4013,  
0.3442

 7.1090, 0.5433,  
0.3412

168.5663, 0.3948,  
0.3435

 3.5304, 0.5952,  
0.3308

207.9143, 0.3892,  
0.3429

 1.4145, 0.6869,  
0.3131

252.9534, 0.3843,

 0.2274, 0.8417,

0.3423

0.1583

304.0680, 0.3800,  
0.3417

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

43.7391, 0.4418,  
0.3469

43.7391, 0.4418,  
0.3469

36.9286, 0.4834,  
0.3494

52.0366, 0.4053,  
0.3435

31.5106, 0.5278,  
0.3502

61.8953, 0.3745,  
0.3397

27.3897, 0.5705,  
0.3486

73.3920, 0.3490,  
0.3358

24.4559, 0.6056,  
0.3444

86.5970, 0.3282,  
0.3321

■ 22.5763, 0.6282,  
0.3384

99.9994, 0.3127,  
0.3290

■ 22.4384, 0.6300,  
0.3380

# Harmonies

## Analogous

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



43.7391, 0.4016, 0.2976



43.7391, 0.4418, 0.3469



43.7391, 0.4416, 0.3973

# Triad

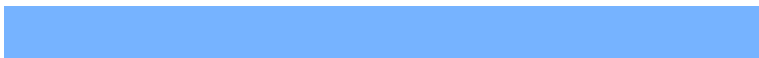
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.7391, 0.4418, 0.3469



43.7391, 0.2803, 0.4215



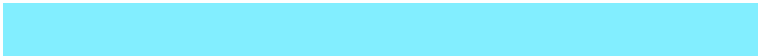
43.7391, 0.2211, 0.2260

# Complementary

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



43.7391, 0.4418, 0.3469



73.1412, 0.2444, 0.3091

# 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.



43.7391, 0.1969, 0.2444



43.7391, 0.4418, 0.3469



43.7391, 0.2275, 0.3559

# Square

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



43.7391, 0.4418, 0.3469



43.7391, 0.3452, 0.4521



43.7391, 0.1987, 0.2892



43.7391, 0.2696, 0.2313



# Rectangle

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



43.7391, 0.4418, 0.3469



43.7391, 0.4202, 0.4267



43.7391, 0.1987, 0.2892



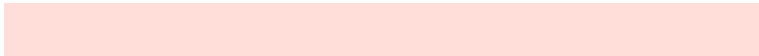
43.7391, 0.2102, 0.2293

# Sweetspot

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



43.7413, 0.4418, 0.3469



78.4680, 0.3401, 0.3343



43.4301, 0.3331, 0.2236



16.2157, 0.3447, 0.3351



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.



43.7413, 0.4418, 0.3469



36.9299, 0.4834, 0.3494



68.5626, 0.4068, 0.4094



18.3844, 0.3291, 0.3323



11.8456, 0.6281, 0.3395

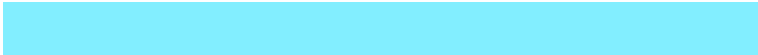


1.2694, 0.6104, 0.3535

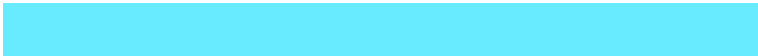


# Inverse Universe

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



73.1412, 0.2444, 0.3091



69.3734, 0.2343, 0.3043



42.9660, 0.2294, 0.2305



20.0361, 0.2980, 0.3257



30.7892, 0.2126, 0.2854

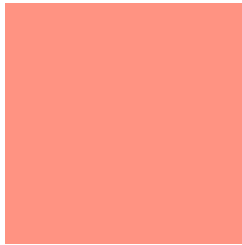


3.1090, 0.2141, 0.2908



# Previews

## White Background



This preview shows how the Yxy color 43.7391, 0.4418, 0.3469 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

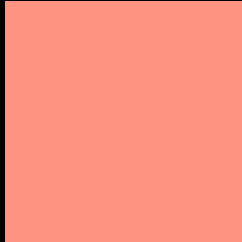
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.7391, 0.4418, 0.3469 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 43.7391, 0.4418, 0.3469**

## Background



This preview shows how black text looks on a background with the Yxy color 43.7391, 0.4418, 0.3469.



This preview shows how white text looks on a background with the Yxy color 43.7391, 0.4418, 0.3469.

# 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

43.7391, 0.4418, 0.3469

### Protanopia

44.1493, 0.3506, 0.3730

### Deuteranopia

43.9574, 0.3904, 0.3838



## Tritanopia

43.8774, 0.4162, 0.3188

# Trichromacy



**Original Color**

43.7391, 0.4418, 0.3469

**Protanomaly**

43.1336, 0.3821, 0.3627

**Deuteranomaly**

43.5417, 0.4091, 0.3702

**Tritanomaly**

43.8931, 0.4255, 0.3293

# Monochromacy



**Original Color**

43.7391, 0.4418, 0.3469

**Achromatopsia**

43.9657, 0.3127, 0.3290

**Achromatomaly**

42.7896, 0.3553, 0.3367

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.7391, 0.4418, 0.3469 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, 147, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 130)  
}
```

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, 147, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 130) }
```

## Border

The CSS property to change the border of an element to Yxy 43.7391, 0.4418, 0.3469 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, 147, 130) }
```

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

```
.border{ border-color:rgb(255, 147, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
130) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.7391, 0.4418, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 130) }
```

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

```
.background{ background-color: rgb(255,  
147, 130) }
```

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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