

# Converting Colors

Yxy(36.3529, 0.4843, 0.3491)

Have a look what the booklet for  
Yxy(36.3529, 0.4843, 0.3491)  
contains.

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# Color

**Yxy(36.4856, 0.4838, 0.3490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7C68
RGB	254, 124, 104
RGB Percent	100%, 49%, 41%
CMY	0.0040, 0.5137, 0.5921
CMYK	0.00, 0.51, 0.59, 0.00
HSL	8°, 99%, 70%
HSV	8°, 59%, 100%
XYZ	50.5780, 36.4856, 17.4796
YIQ	160.5900, 83.9000, 21.3400

# Conversions

## Conversions Part 2

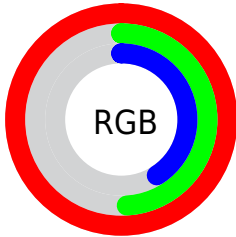
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 127, 104
Decimal	16677992
CIE Lab	66.89, 47.90, 34.21
CIE LCh	67, 58.861, 35.541
Yxy	36.4856, 0.4838, 0.3490
Android (android.graphics.Color)	4294868072 (0xFFFE7C68)
YUV	160.5900, -27.8989, 81.9206
Hunter-Lab	60.4033, 43.7592, 25.1249

# Details

The Yxy color **36.4856, 0.4838, 0.3490** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **68.9471, 0.2344, 0.3047**, and the grayscale version is **35.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8668, 0.4015, 0.3545**, and **15.8723, 0.5355, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **31.1307, 0.5283, 0.3498**, and if you desaturate by 10%, it is **43.2313, 0.4421, 0.3466**.

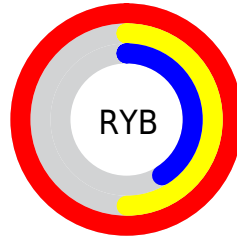
# Distribution



Red (100%)

Green (49%)

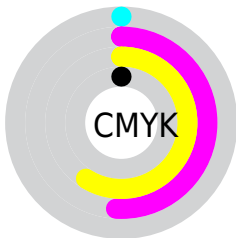
Blue (41%)



Red (100%)

Yellow (50%)

Blue (41%)

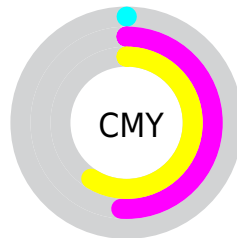


Cyan (0%)

Magenta (51%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4856, 0.4838, 0.3490 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 36.4856, 0.4838, 0.3490 by changing the saturation by 10% instead.





 36.4856, 0.4838,  
0.3490


 36.4856, 0.4838,  
0.3490


331.0781, 0.3949,  
0.3447


 24.8095, 0.5061,  
0.3479


 69.7809, 0.4512,  
0.3490

 15.9352, 0.5344,  
0.3451


 92.1689, 0.4390,  
0.3485

 9.4783, 0.5710,  
0.3390

 118.8963, 0.4287,  
0.3479

 5.0544, 0.6189,  
0.3262

 150.3475, 0.4200,  
0.3473

 2.2792, 0.6947,  
0.3053

186.9068, 0.4124,  
0.3466

 0.7627, 0.7584,  
0.2416

228.9588, 0.4058,

 0.0000, 1.0000,

0.3459

0.0000

276.8877, 0.4001,  
0.3453

0.0000, 0.0000,  
0.0000

36.4856, 0.4838,  
0.3490

36.4856, 0.4838,  
0.3490

31.1307, 0.5283,  
0.3498

43.2313, 0.4421,  
0.3466

27.0634, 0.5710,  
0.3482

51.4499, 0.4055,  
0.3432

24.1753, 0.6060,  
0.3440

61.2238, 0.3746,  
0.3395

22.3336, 0.6286,  
0.3382

72.6279, 0.3491,  
0.3357

22.2048, 0.6303,  
0.3377

85.7320, 0.3282,  
0.3321

99.8091, 0.3121,  
0.3290

# Harmonies

## Analogous

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



36.4856, 0.4328, 0.2888



36.4856, 0.4838, 0.3490



36.4856, 0.4778, 0.4125

# Triad

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



36.4856, 0.4838, 0.3490



36.4856, 0.2647, 0.4535



36.4856, 0.1974, 0.1981

# Complementary

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



36.4856, 0.4838, 0.3490



68.9471, 0.2344, 0.3047

# 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.



36.4856, 0.1672, 0.2174



36.4856, 0.4838, 0.3490



36.4856, 0.1998, 0.3598

# Square

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



36.4856, 0.4838, 0.3490



36.4856, 0.3474, 0.4944



36.4856, 0.1672, 0.2710



36.4856, 0.2583, 0.2065



# Rectangle

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



36.4856, 0.4838, 0.3490



36.4856, 0.4467, 0.4524



36.4856, 0.1672, 0.2710



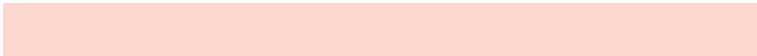
36.4856, 0.1840, 0.2012

# Sweetspot

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



36.4876, 0.4838, 0.3490



74.5802, 0.3467, 0.3353



37.0597, 0.3358, 0.2039



15.1981, 0.3535, 0.3364



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.



36.4876, 0.4838, 0.3490



30.5042, 0.5370, 0.3496



61.7767, 0.4310, 0.4211



18.3772, 0.3291, 0.3322



11.8252, 0.6284, 0.3392



1.2661, 0.6109, 0.3531

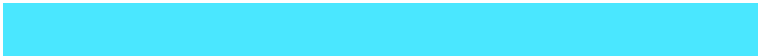


# Inverse Universe

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



68.9471, 0.2344, 0.3047



65.7525, 0.2247, 0.2991



35.7687, 0.2131, 0.2092



20.0441, 0.2980, 0.3257



30.9577, 0.2128, 0.2862



3.1238, 0.2143, 0.2915



# Previews

## White Background



This preview shows how the Yxy color 36.4856, 0.4838, 0.3490 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 36.4856, 0.4838, 0.3490 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 36.4856, 0.4838, 0.3490**

## Background



This preview shows how black text looks on a background with the Yxy color 36.4856, 0.4838, 0.3490.



This preview shows how white text looks on a background with the Yxy color 36.4856, 0.4838, 0.3490.

# 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

36.4856, 0.4838, 0.3490

### Protanopia

36.6644, 0.3640, 0.3906

### Deuteranopia

36.6645, 0.4121, 0.4042



## Tritanopia

36.5197, 0.4580, 0.3214

# Trichromacy



**Original Color**

36.4856, 0.4838, 0.3490

**Protanomaly**

35.5472, 0.4073, 0.3743

**Deuteranomaly**

35.7720, 0.4393, 0.3816

**Tritanomaly**

36.5351, 0.4680, 0.3315

# Monochromacy



**Original Color**

36.4856, 0.4838, 0.3490

**Achromatopsia**

35.6400, 0.3127, 0.3290

**Achromatomaly**

34.6754, 0.3708, 0.3399

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 36.4856, 0.4838, 0.3490 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(254, 124, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 124, 104)  
}
```

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(254, 124, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 124, 104) }
```

## Border

The CSS property to change the border of an element to Yxy 36.4856, 0.4838, 0.3490 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(254, 124, 104) }
```

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

```
.border{ border-color:rgb(254, 124, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 124, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 124, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 124, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 124,  
104) }
```



# Background

The CSS property to change the background color of an element to Yxy 36.4856, 0.4838, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 124, 104) }
```

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

```
.background{ background-color: rgb(254,  
124, 104) }
```

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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