

# Converting Colors

$Yxy(53.8193, 0.3911, 0.3471)$

Have a look what the booklet for  
Yxy(53.8193, 0.3911, 0.3471)  
contains.

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# Color

**Yxy(53.9388, 0.3917, 0.3476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8B1A0
RGB	248, 177, 160
RGB Percent	97%, 69%, 63%
CMY	0.0274, 0.3059, 0.3726
CMYK	0.00, 0.29, 0.35, 0.03
HSL	12°, 86%, 80%
HSV	12°, 35%, 97%
XYZ	60.7820, 53.9388, 40.4541
YIQ	196.2910, 47.7730, 9.7650

# Conversions

## Conversions Part 2

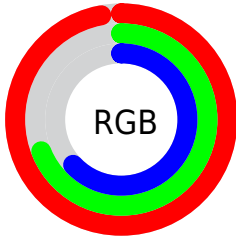
Format	Color
R <sub>Y</sub> B	248, 181, 160
Decimal	16298400
CIE Lab	78.43, 23.76, 19.02
CIE LCh	78, 30.441, 38.678
Yxy	53.9388, 0.3917, 0.3476
Android (android.graphics.Color)	4294488480 (0xFFF8B1A0)
YUV	196.2910, -17.8915, 45.3488
Hunter-Lab	73.4430, 19.2026, 18.7518

# Details

The Yxy color **53.9388, 0.3917, 0.3476** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.3994, 0.2600, 0.3093**, and the grayscale version is **55.4747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4441, 0.3397, 0.3470**, and **26.4452, 0.4140, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **45.8258, 0.4246, 0.3528**, and if you desaturate by 10%, it is **63.3887, 0.3639, 0.3421**.

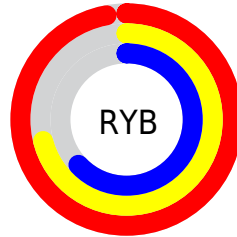
# Distribution



Red (97%)

Green (69%)

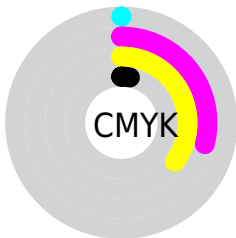
Blue (63%)



Red (97%)

Yellow (71%)

Blue (63%)

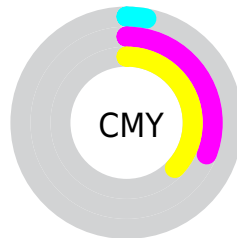


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (3%)



Cyan (3%)

Magenta (31%)


Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9388, 0.3917, 0.3476 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 53.9388, 0.3917, 0.3476 by changing the saturation by 10% instead.




 53.9388, 0.3917,  
0.3476

 53.9388, 0.3917,  
0.3476


401.8766, 0.3528,  
0.3398

 38.5527, 0.4012,  
0.3491

 95.9844, 0.3777,  
0.3451

 26.4120, 0.4132,  
0.3508


 123.4127, 0.3724,  
0.3440

 17.1321, 0.4288,  
0.3526


155.6239, 0.3679,  
0.3431

 10.3287, 0.4500,  
0.3544

193.0023, 0.3640,  
0.3423

 5.6174, 0.4800,  
0.3556

235.9324, 0.3607,  
0.3416

 2.6139, 0.5254,  
0.3540

284.7986, 0.3577,

 0.9337, 0.6364,

0.3409

0.3636

339.9852, 0.3551,  
0.3403

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.9388, 0.3917,  
0.3476

53.9388, 0.3917,  
0.3476

45.8258, 0.4246,  
0.3528

63.3887, 0.3639,  
0.3421

38.9814, 0.4624,  
0.3570

74.2245, 0.3408,  
0.3368

33.3429, 0.5038,  
0.3594

86.5020, 0.3217,  
0.3317

28.8389, 0.5458,  
0.3591

98.7000, 0.3084,  
0.3290

■ 25.3903, 0.5835,  
0.3554

■ 22.9069, 0.6118,  
0.3483

■ 22.0701, 0.6214,  
0.3448

# Harmonies

## Analogous

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



53.9388, 0.3706, 0.3148



53.9388, 0.3917, 0.3476



53.9388, 0.3897, 0.3783

# Triad

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



53.9388, 0.3917, 0.3476



53.9388, 0.2891, 0.3778



53.9388, 0.2591, 0.2636

# Complementary

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



53.9388, 0.3917, 0.3476



71.3994, 0.2600, 0.3093

# 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.



53.9388, 0.2405, 0.2749



53.9388, 0.3917, 0.3476



53.9388, 0.2569, 0.3403

# Square

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



53.9388, 0.3917, 0.3476



53.9388, 0.3291, 0.3998



53.9388, 0.2397, 0.3021



53.9388, 0.2923, 0.2682



# Rectangle

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



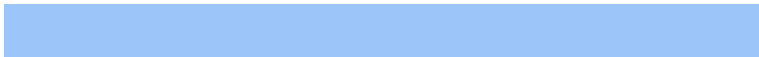
53.9388, 0.3917, 0.3476



53.9388, 0.3760, 0.3936



53.9388, 0.2397, 0.3021



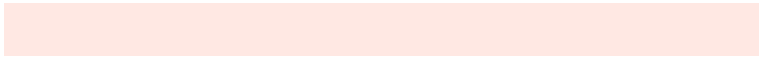
53.9388, 0.2511, 0.2655

# Sweetspot

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



53.9414, 0.3917, 0.3476



84.7270, 0.3318, 0.3344



50.9128, 0.3302, 0.2554



17.7605, 0.3344, 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.



53.9414, 0.3917, 0.3476



50.7882, 0.4161, 0.3516



73.7567, 0.3756, 0.3919



17.7683, 0.3289, 0.3337



12.0718, 0.6191, 0.3467



1.2574, 0.5976, 0.3637

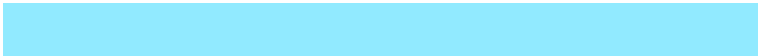


# Inverse Universe

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



71.3994, 0.2600, 0.3093



72.0030, 0.2501, 0.3044



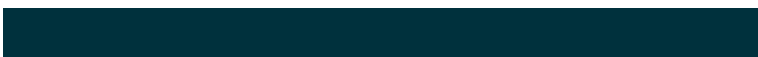
50.1550, 0.2527, 0.2566



19.0047, 0.2980, 0.3243



26.1875, 0.2072, 0.2657



2.5665, 0.2095, 0.2741



# Previews

## White Background



This preview shows how the Yxy color 53.9388, 0.3917, 0.3476 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

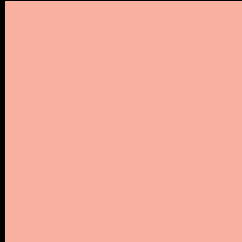
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.9388, 0.3917, 0.3476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

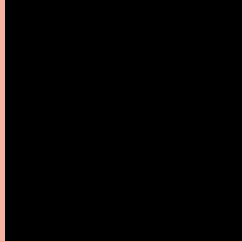
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.9388, 0.3917, 0.3476**

## Background



This preview shows how black text looks on a background with the Yxy color 53.9388, 0.3917, 0.3476.

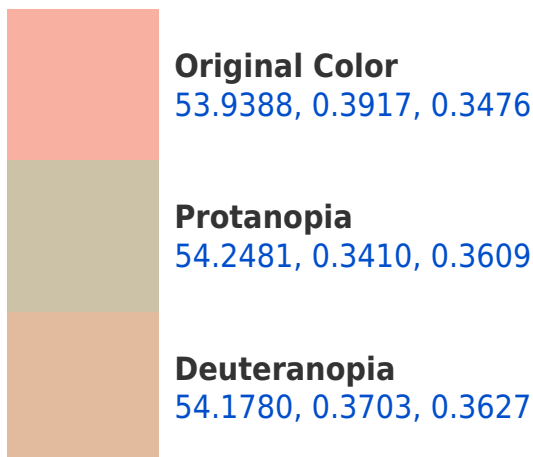


This preview shows how white text looks on a background with the Yxy color 53.9388, 0.3917, 0.3476.

# 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





## Tritanopia

53.9415, 0.3718, 0.3154

# Trichromacy



**Original Color**

53.9388, 0.3917, 0.3476

**Protanomaly**

53.8987, 0.3588, 0.3562

**Deuteranomaly**

53.8626, 0.3779, 0.3563

**Tritanomaly**

53.7704, 0.3789, 0.3260

# Monochromacy



**Original Color**

53.9388, 0.3917, 0.3476

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

54.2612, 0.3393, 0.3362

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9388, 0.3917, 0.3476 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(248, 177, 160)` looks like.

```
.text, #text, p{  
  color:rgb(248, 177, 160)  
}
```

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(248, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 177, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9388, 0.3917, 0.3476 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(248, 177, 160) }
```

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

```
.border{ border-color:rgb(248, 177, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 177, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 177,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9388, 0.3917, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 177, 160) }
```

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

```
.background{ background-color: rgb(248,  
177, 160) }
```

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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