

# Converting Colors

Yxy(43.2429, 0.4391, 0.3598)

Have a look what the booklet for  
Yxy(43.2429, 0.4391, 0.3598)  
contains.

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# Color

**Yxy(43.1561, 0.4384, 0.3593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6977B
RGB	246, 151, 123
RGB Percent	96%, 59%, 48%
CMY	0.0352, 0.4079, 0.5176
CMYK	0.00, 0.39, 0.50, 0.04
HSL	14°, 87%, 72%
HSV	14°, 50%, 96%
XYZ	52.6569, 43.1561, 24.2986
YIQ	176.2130, 65.6080, 11.4320

# Conversions

## Conversions Part 2

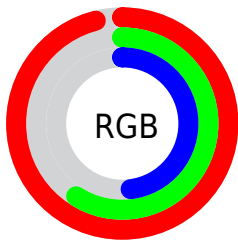
Format	Color
RYB	246, 159, 123
Decimal	16160635
CIELab	71.66, 32.81, 29.83
CIELCh	72, 44.338, 42.278
Yxy	43.1561, 0.4384, 0.3593
Android (android.graphics.Color)	4294350715 (0xFFFF6977B)
YUV	176.2130, -26.2340, 61.2032
Hunter-Lab	65.6933, 28.1146, 24.0552

# Details

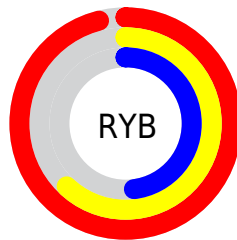
The Yxy color **43.1561, 0.4384, 0.3593** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **61.0424, 0.2407, 0.2945**, and the grayscale version is **43.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5372, 0.3740, 0.3603**, and **19.8572, 0.4739, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **36.9850, 0.4767, 0.3636**, and if you desaturate by 10%, it is **50.4728, 0.4043, 0.3536**.

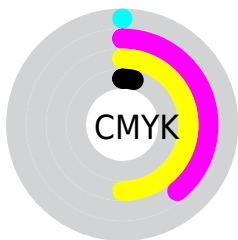
# Distribution



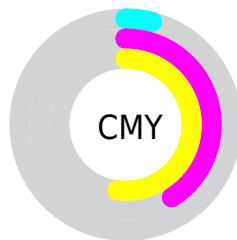
- Red (96%)
- Green (59%)
- Blue (48%)



- Red (96%)
- Yellow (62%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (41%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1561, 0.4384, 0.3593 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 43.1561, 0.4384, 0.3593 by changing the saturation by 10% instead.



 43.1561, 0.4384,  
0.3593


 43.1561, 0.4384,  
0.3593


359.2533, 0.3745,  
0.3474


 30.0076, 0.4543,  
0.3611


 79.9464, 0.4151,  
0.3558

 19.8444, 0.4746,  
0.3626

 104.3569, 0.4064,  
0.3543

 12.2820, 0.5010,  
0.3634


 133.2903, 0.3990,  
0.3528

 6.9360, 0.5363,  
0.3618

167.1309, 0.3927,  
0.3515

 3.4221, 0.5887,  
0.3566

206.2631, 0.3872,  
0.3503

 1.3559, 0.6634,  
0.3366

251.0713, 0.3824,

 0.1839, 0.8424,

0.3493

0.1576

301.9399, 0.3782,  
0.3483

0.0000, 0.0000,  
0.0000

43.1561, 0.4384,  
0.3593

43.1561, 0.4384,  
0.3593

36.9850, 0.4767,  
0.3636

50.4728, 0.4043,  
0.3536

31.8939, 0.5174,  
0.3655

58.9833, 0.3750,  
0.3473

27.8205, 0.5569,  
0.3639

68.7407, 0.3503,  
0.3409

24.6927, 0.5906,  
0.3583

79.7930, 0.3298,  
0.3348

22.4214, 0.6151,  
0.3498

92.1857, 0.3127,  
0.3290

■ 22.4213, 0.6151,  
0.3498

■ 98.3386, 0.3072,  
0.3290

# Harmonies

## Analogous

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



43.1561, 0.4096, 0.3112



43.1561, 0.4384, 0.3593



43.1561, 0.4287, 0.4059

# Triad

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



43.1561, 0.4384, 0.3593



43.1561, 0.2677, 0.4019



43.1561, 0.2357, 0.2303

# Complementary

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



43.1561, 0.4384, 0.3593



61.0424, 0.2407, 0.2945

# 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.



43.1561, 0.2062, 0.2420



43.1561, 0.4384, 0.3593



43.1561, 0.2224, 0.3372

# Square

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



43.1561, 0.4384, 0.3593



43.1561, 0.3279, 0.4414



43.1561, 0.2015, 0.2783



43.1561, 0.2872, 0.2406



# Rectangle

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



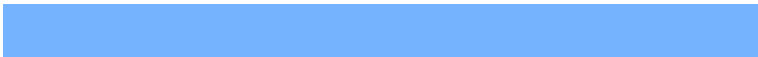
43.1561, 0.4384, 0.3593



43.1561, 0.4037, 0.4307



43.1561, 0.2015, 0.2783



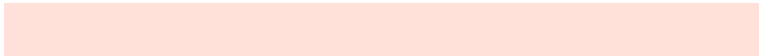
43.1561, 0.2232, 0.2316

# Sweetspot

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



43.1583, 0.4384, 0.3593



80.3493, 0.3396, 0.3378



38.9031, 0.3437, 0.2308



16.6631, 0.3440, 0.3391



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.



43.1583, 0.4384, 0.3593



40.0506, 0.4772, 0.3636



67.7058, 0.4032, 0.4205



17.0937, 0.3288, 0.3345



12.1371, 0.6125, 0.3519



1.2157, 0.5888, 0.3707



# Inverse Universe

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



61.0424, 0.2407, 0.2945



61.3421, 0.2294, 0.2861



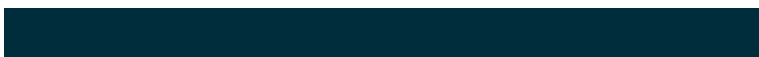
35.2777, 0.2252, 0.2146



18.0813, 0.2980, 0.3235



23.4447, 0.2039, 0.2539



2.2130, 0.2068, 0.2644



# Previews

## White Background



This preview shows how the Yxy color 43.1561, 0.4384, 0.3593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

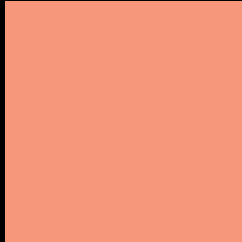
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.1561, 0.4384, 0.3593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

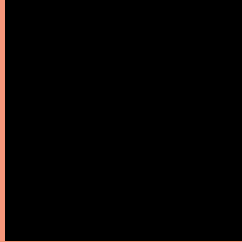
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.1561, 0.4384, 0.3593**

## Background



This preview shows how black text looks on a background with the Yxy color 43.1561, 0.4384, 0.3593.



This preview shows how white text looks on a background with the Yxy color 43.1561, 0.4384, 0.3593.

# 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

43.1561, 0.4384, 0.3593

### Protanopia

43.4633, 0.3595, 0.3852

### Deuteranopia

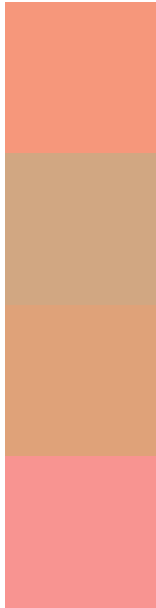
43.0630, 0.3969, 0.3887



## Tritanopia

43.1318, 0.4080, 0.3175

# Trichromacy



**Original Color**

43.1561, 0.4384, 0.3593

**Protanomaly**

42.8044, 0.3872, 0.3755

**Deuteranomaly**

42.9091, 0.4119, 0.3777

**Tritanomaly**

43.1806, 0.4190, 0.3325

# Monochromacy



**Original Color**

43.1561, 0.4384, 0.3593

**Achromatopsia**

43.4154, 0.3127, 0.3290

**Achromatomaly**

42.4893, 0.3540, 0.3419

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.1561, 0.4384, 0.3593 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(246, 151, 123)` looks like.

```
.text, #text, p{  
    color:rgb(246, 151, 123)  
}
```

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(246, 151, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 151, 123) }
```

## Border

The CSS property to change the border of an element to Yxy 43.1561, 0.4384, 0.3593 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(246, 151, 123) }
```

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

```
.border{ border-color:rgb(246, 151, 123) }
```

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

Here you see how a box with a 4 pixel rgb(246, 151, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 151, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 151, 123);  
box-shadow:4px 4px 4px 4px rgb(246, 151,  
123) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.1561, 0.4384, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 151, 123) }
```

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

```
.background{ background-color: rgb(246,  
151, 123) }
```

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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