

# Converting Colors

Yxy(43.6653, 0.4152, 0.3443)

Have a look what the booklet for  
Yxy(43.6653, 0.4152, 0.3443)  
contains.

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# Color

**Yxy(43.7054, 0.4147, 0.3448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F19A8C
RGB	241, 154, 140
RGB Percent	95%, 60%, 55%
CMY	0.0549, 0.3961, 0.4509
CMYK	0.00, 0.36, 0.42, 0.05
HSL	8°, 78%, 75%
HSV	8°, 42%, 95%
XYZ	52.5656, 43.7054, 30.4848
YIQ	178.4170, 56.3460, 14.0900

# Conversions

## Conversions Part 2

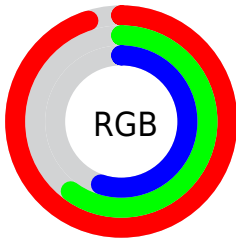
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 156, 140
Decimal	15833740
CIE <sub>Lab</sub>	72.03, 30.97, 20.94
CIE <sub>LCh</sub>	72, 37.385, 34.061
Yxy	43.7054, 0.4147, 0.3448
Android (android.graphics.Color)	4294023820 (0xFFFF19A8C)
YUV	178.4170, -18.9396, 54.8853
Hunter-Lab	66.1101, 26.2369, 18.9371

# Details

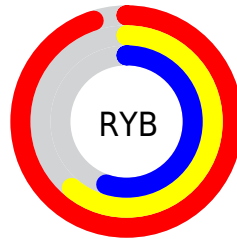
The Yxy color **43.7054, 0.4147, 0.3448** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8747, 0.2528, 0.3120**, and the grayscale version is **44.8352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7560, 0.3593, 0.3446**, and **20.1860, 0.4442, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **36.8012, 0.4525, 0.3481**, and if you desaturate by 10%, it is **51.9549, 0.3825, 0.3410**.

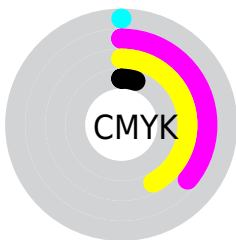
# Distribution



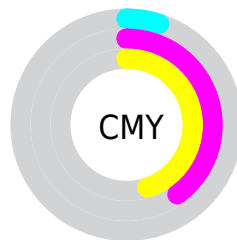
- Red (95%)
- Green (60%)
- Blue (55%)



- Red (95%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7054, 0.4147, 0.3448 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 43.7054, 0.4147, 0.3448 by changing the saturation by 10% instead.




 43.7054, 0.4147,  
0.3448

 43.7054, 0.4147,  
0.3448


361.5047, 0.3627,  
0.3389


 30.4390, 0.4279,  
0.3456


 80.7743, 0.3956,  
0.3431

 20.1720, 0.4448,  
0.3462


 105.3455, 0.3885,  
0.3424

 12.5201, 0.4672,  
0.3463


 134.4538, 0.3825,  
0.3416

 7.0990, 0.4983,  
0.3450

168.4835, 0.3774,  
0.3410

 3.5241, 0.5432,  
0.3400

207.8190, 0.3730,  
0.3404

 1.4111, 0.6534,  
0.3466

252.8448, 0.3691,

 0.2249, 0.8128,

0.3398

0.1872

303.9453, 0.3657,  
0.3393

0.0000, 0.0000,  
0.0000

43.7054, 0.4147,  
0.3448

43.7054, 0.4147,  
0.3448

36.8012, 0.4525,  
0.3481

51.9549, 0.3825,  
0.3410

31.1647, 0.4950,  
0.3502

61.6093, 0.3557,  
0.3371

26.7199, 0.5392,  
0.3504


72.7322, 0.3337,  
0.3332

23.3802, 0.5803,  
0.3481

85.3817, 0.3157,  
0.3296

21.0470, 0.6123,  
0.3433

97.4404, 0.3041,  
0.3290

 19.8089, 0.6293,  
0.3385

# Harmonies

## Analogous

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



43.7054, 0.3825, 0.3038



43.7054, 0.4147, 0.3448



43.7054, 0.4161, 0.3857

# Triad

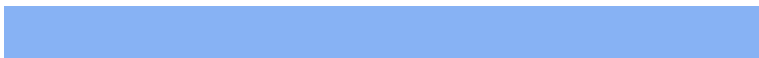
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.7054, 0.4147, 0.3448



43.7054, 0.2886, 0.4011



43.7054, 0.2381, 0.2454

# Complementary

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



43.7054, 0.4147, 0.3448



66.8747, 0.2528, 0.3120

# 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.



43.7054, 0.2182, 0.2620



43.7054, 0.4147, 0.3448



43.7054, 0.2451, 0.3517

# Square

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



43.7054, 0.4147, 0.3448



43.7054, 0.3410, 0.4254



43.7054, 0.2204, 0.2993



43.7054, 0.2780, 0.2489



# Rectangle

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



43.7054, 0.4147, 0.3448



43.7054, 0.4002, 0.4084



43.7054, 0.2204, 0.2993



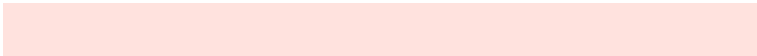
43.7054, 0.2291, 0.2486

# Sweetspot

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



43.7076, 0.4147, 0.3448



81.1585, 0.3360, 0.3337



43.0389, 0.3295, 0.2380



16.7498, 0.3406, 0.3345



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.



43.7076, 0.4147, 0.3448



43.1038, 0.4455, 0.3476



63.7678, 0.3908, 0.3981



16.1117, 0.3290, 0.3323



10.8546, 0.6274, 0.3400



1.0123, 0.6064, 0.3567



# Inverse Universe

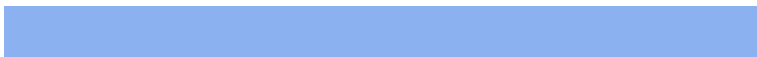
The Inverse Universe completely reimagines the original color for something new.



66.8747, 0.2528, 0.3120



72.5384, 0.2433, 0.3082



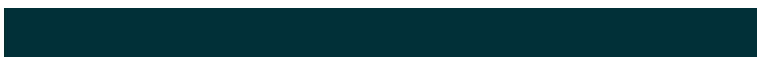
43.3911, 0.2422, 0.2477



17.5339, 0.2981, 0.3256



27.9577, 0.2124, 0.2846



2.4276, 0.2142, 0.2910



# Previews

## White Background



This preview shows how the Yxy color 43.7054, 0.4147, 0.3448 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

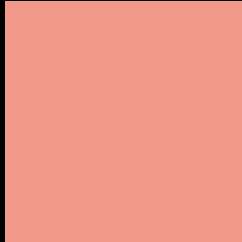
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.7054, 0.4147, 0.3448 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

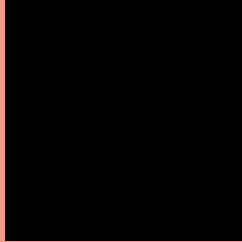
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.7054, 0.4147, 0.3448**

## Background



This preview shows how black text looks on a background with the Yxy color 43.7054, 0.4147, 0.3448.



This preview shows how white text looks on a background with the Yxy color 43.7054, 0.4147, 0.3448.

# 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

43.7054, 0.4147, 0.3448

### Protanopia

44.1177, 0.3427, 0.3638

### Deuteranopia

43.8210, 0.3775, 0.3707



## Tritanopia

43.7965, 0.3950, 0.3171

# Trichromacy



**Original Color**

43.7054, 0.4147, 0.3448

**Protanomaly**

43.6043, 0.3676, 0.3569

**Deuteranomaly**

43.4460, 0.3908, 0.3606

**Tritanomaly**

43.6668, 0.4020, 0.3271

# Monochromacy



**Original Color**

43.7054, 0.4147, 0.3448

**Achromatopsia**

44.5201, 0.3127, 0.3290

**Achromatomaly**

43.4738, 0.3471, 0.3355

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.7054, 0.4147, 0.3448 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(241, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(241, 154, 140)  
}
```

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(241, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 154, 140) }
```

## Border

The CSS property to change the border of an element to Yxy 43.7054, 0.4147, 0.3448 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(241, 154, 140) }
```

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

```
.border{ border-color:rgb(241, 154, 140) }
```

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

Here you see how a box with a 4 pixel rgb(241, 154, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(241, 154,  
140) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.7054, 0.4147, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 154, 140) }
```

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

```
.background{ background-color: rgb(241,  
154, 140) }
```

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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