

# Converting Colors

Yxy(40.9740, 0.4191, 0.3306)

Have a look what the booklet for  
Yxy(40.9740, 0.4191, 0.3306)  
contains.

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# Color

**Yxy(40.9844, 0.4184, 0.3304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3908F
RGB	243, 144, 143
RGB Percent	95%, 56%, 56%
CMY	0.0469, 0.4353, 0.4392
CMYK	0.00, 0.41, 0.41, 0.05
HSL	1°, 81%, 76%
HSV	1°, 41%, 95%
XYZ	51.9003, 40.9844, 31.1601
YIQ	173.4870, 59.3250, 20.6770

# Conversions

## Conversions Part 2

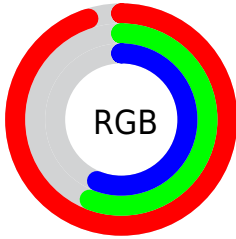
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 144, 143
Decimal	15962255
CIE Lab	70.16, 37.28, 16.76
CIE LCh	70, 40.872, 24.212
Yxy	40.9844, 0.4184, 0.3304
Android (android.graphics.Color)	4294152335 (0xFFFF3908F)
YUV	173.4870, -15.0301, 60.9629
Hunter-Lab	64.0191, 32.6768, 15.9551

# Details

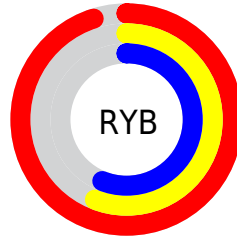
The Yxy color **40.9844, 0.4184, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.8366, 0.2561, 0.3277**, and the grayscale version is **42.1070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1381, 0.3593, 0.3312**, and **18.6350, 0.4501, 0.3280** is the 20% darker color. If you saturate the color by 10%, you get **33.8002, 0.4598, 0.3307**, and if you desaturate by 10%, it is **49.8852, 0.3836, 0.3300**.

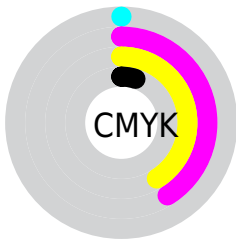
# Distribution



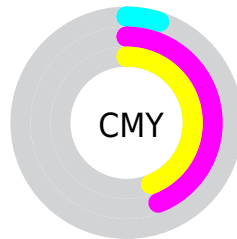
- Red (95%)
- Green (56%)
- Blue (56%)



- Red (95%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9844, 0.4184, 0.3304 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 40.9844, 0.4184, 0.3304 by changing the saturation by 10% instead.




 40.9844, 0.4184,  
0.3304

 40.9844, 0.4184,  
0.3304


350.2554, 0.3639,  
0.3316

 28.3069, 0.4324,  
0.3295


 76.6602, 0.3983,  
0.3313

 18.5571, 0.4505,  
0.3279


 100.4273, 0.3908,  
0.3315

 11.3507, 0.4748,  
0.3251


128.6597, 0.3845,  
0.3316

 6.3032, 0.5088,  
0.3198

161.7419, 0.3792,  
0.3317

 3.0303, 0.5592,  
0.3092

200.0581, 0.3746,  
0.3317

 1.1476, 0.6815,  
0.3044

243.9928, 0.3706,

 0.0183, 0.9807,

0.3317

0.0193

293.9305, 0.3670,  
0.3316

0.0000, 0.0000,  
0.0000

40.9844, 0.4184,  
0.3304

40.9844, 0.4184,  
0.3304

33.8002, 0.4598,  
0.3307

49.8852, 0.3836,  
0.3300

28.2166, 0.5065,  
0.3310

60.5969, 0.3554,  
0.3297

24.1128, 0.5545,  
0.3311


73.2138, 0.3327,  
0.3293

21.3484, 0.5969,  
0.3309

87.8224, 0.3146,  
0.3290

19.7560, 0.6264,  
0.3306

97.7997, 0.3054,  
0.3290

 19.1122, 0.6396,  
0.3304

# Harmonies

## Analogous

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



40.9844, 0.3730, 0.2873



40.9844, 0.4184, 0.3304



40.9844, 0.4314, 0.3764

# Triad

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



40.9844, 0.4184, 0.3304



40.9844, 0.3041, 0.4235



40.9844, 0.2205, 0.2399

# Complementary

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



40.9844, 0.4184, 0.3304



75.8366, 0.2561, 0.3277

# 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.



40.9844, 0.2064, 0.2652



40.9844, 0.4184, 0.3304



40.9844, 0.2512, 0.3743

# Square

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



40.9844, 0.4184, 0.3304



40.9844, 0.3621, 0.4376



40.9844, 0.2168, 0.3132



40.9844, 0.2573, 0.2372



# Rectangle

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



40.9844, 0.4184, 0.3304



40.9844, 0.4202, 0.4047



40.9844, 0.2168, 0.3132



40.9844, 0.2132, 0.2457

# Sweetspot

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



40.9864, 0.4184, 0.3304



80.3541, 0.3345, 0.3294



45.1763, 0.3175, 0.2277



16.7833, 0.3372, 0.3294



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.



40.9864, 0.4184, 0.3304



39.1842, 0.4509, 0.3307



59.1882, 0.3951, 0.3834



16.5089, 0.3294, 0.3293



10.4981, 0.6394, 0.3305



0.9318, 0.6375, 0.3320



# Inverse Universe

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



75.8366, 0.2561, 0.3277



82.7000, 0.2479, 0.3274



50.4575, 0.2463, 0.2668



18.7279, 0.2981, 0.3287



37.9572, 0.2238, 0.3257



3.3450, 0.2239, 0.3261



# Previews

## White Background



This preview shows how the Yxy color 40.9844, 0.4184, 0.3304 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 40.9844, 0.4184, 0.3304 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 40.9844, 0.4184, 0.3304**

## **Background**



This preview shows how black text looks on a background with the Yxy color 40.9844, 0.4184, 0.3304.



This preview shows how white text looks on a background with the Yxy color 40.9844, 0.4184, 0.3304.

# 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

40.9844, 0.4184, 0.3304

### Protanopia

41.1438, 0.3321, 0.3482

### Deuteranopia

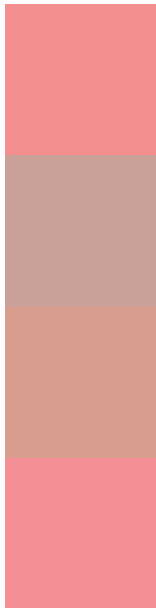
41.0537, 0.3707, 0.3629



## Tritanopia

40.8790, 0.4092, 0.3172

# Trichromacy



**Original Color**

40.9844, 0.4184, 0.3304

**Protanomaly**

40.3133, 0.3615, 0.3407

**Deuteranomaly**

40.6063, 0.3889, 0.3501

**Tritanomaly**

41.0479, 0.4132, 0.3227

# Monochromacy



**Original Color**

40.9844, 0.4184, 0.3304

**Achromatopsia**

41.7885, 0.3127, 0.3290

**Achromatomaly**

40.4551, 0.3476, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 40.9844, 0.4184, 0.3304 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(243, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(243, 144, 143)  
}
```

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(243, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 144, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 40.9844, 0.4184, 0.3304 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(243, 144, 143) }
```

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

```
.border{ border-color:rgb(243, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(243, 144,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 40.9844, 0.4184, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 144, 143) }
```

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

```
.background{ background-color: rgb(243,  
144, 143) }
```

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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