

# Converting Colors

$Yxy(58.3970, 0.3844, 0.3528)$

Have a look what the booklet for  
Yxy(58.3970, 0.3844, 0.3528)  
contains.

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# Color

**Yxy(58.3970, 0.3844, 0.3528)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BBA5
RGB	249, 187, 165
RGB Percent	98%, 73%, 65%
CMY	0.0235, 0.2666, 0.3531
CMYK	0.00, 0.25, 0.34, 0.02
HSL	16°, 88%, 81%
HSV	16°, 34%, 98%
XYZ	63.6276, 58.3970, 43.4998
YIQ	203.0300, 44.0140, 6.3020

# Conversions

## Conversions Part 2

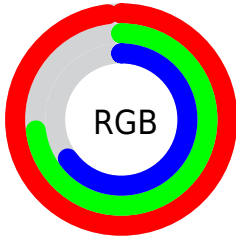
Format	Color
RYB	249, 195, 165
Decimal	16366501
CIELab	80.96, 19.47, 19.87
CIElCh	81, 27.817, 45.587
Yxy	58.3970, 0.3844, 0.3528
Android (android.graphics.Color)	4294556581 (0xFFF9BBA5)
YUV	203.0300, -18.7488, 40.3157
Hunter-Lab	76.4179, 14.8924, 19.7426

# Details

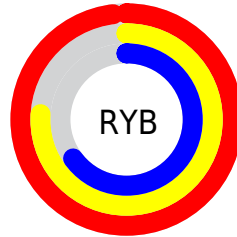
The Yxy color **58.3970, 0.3844, 0.3528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7554, 0.2615, 0.3036**, and the grayscale version is **59.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5285, 0.3350, 0.3517**, and **29.3188, 0.4031, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **50.2771, 0.4147, 0.3599**, and if you desaturate by 10%, it is **67.6960, 0.3586, 0.3454**.

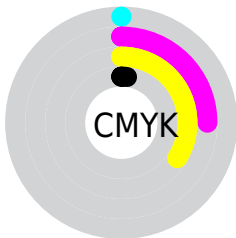
# Distribution



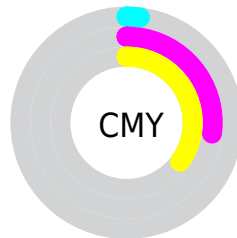
- Red (98%)
- Green (73%)
- Blue (65%)



- Red (98%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (2%)




- Cyan (2%)
- Magenta (27%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3970, 0.3844, 0.3528 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 58.3970, 0.3844, 0.3528 by changing the saturation by 10% instead.




 58.3970, 0.3844,  
0.3528

 58.3970, 0.3844,  
0.3528


418.6636, 0.3496,  
0.3424

 42.1279, 0.3927,  
0.3550


 102.5008, 0.3720,  
0.3493

 29.2015, 0.4032,  
0.3575


 131.1042, 0.3673,  
0.3480

 19.2333, 0.4168,  
0.3605


164.5879, 0.3632,  
0.3467

 11.8390, 0.4349,  
0.3640

203.3362, 0.3598,  
0.3457

 6.6341, 0.4603,  
0.3677

247.7335, 0.3567,  
0.3447

 3.2343, 0.4978,  
0.3706

298.1643, 0.3541,

 1.2553, 0.6020,

0.3438

0.3980

355.0128, 0.3517,  
0.3431

0.1062, 0.8444,  
0.1556

0.0000, 0.0000,  
0.0000

58.3970, 0.3844,  
0.3528

58.3970, 0.3844,  
0.3528

50.2771, 0.4147,  
0.3599

67.6960, 0.3586,  
0.3454

43.2802, 0.4493,  
0.3661

78.2108, 0.3369,  
0.3382

37.3578, 0.4874,  
0.3703

89.9868, 0.3187,  
0.3314

32.4545, 0.5266,  
0.3716

98.8806, 0.3090,  
0.3290

■ 28.5095, 0.5634,  
0.3687

■ 25.4545, 0.5934,  
0.3614

■ 23.9559, 0.6080,  
0.3554

# Harmonies

## Analogous

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



58.3970, 0.3701, 0.3232



58.3970, 0.3844, 0.3528



58.3970, 0.3780, 0.3786

# Triad

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



58.3970, 0.3844, 0.3528



58.3970, 0.2843, 0.3653



58.3970, 0.2707, 0.2700

# Complementary

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



58.3970, 0.3844, 0.3528



69.7554, 0.2615, 0.3036

# 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.



58.3970, 0.2505, 0.2771



58.3970, 0.3844, 0.3528



58.3970, 0.2579, 0.3311

# Square

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



58.3970, 0.3844, 0.3528



58.3970, 0.3193, 0.3888



58.3970, 0.2460, 0.2986



58.3970, 0.3028, 0.2772



# Rectangle

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



58.3970, 0.3844, 0.3528



58.3970, 0.3634, 0.3899



58.3970, 0.2460, 0.2986



58.3970, 0.2624, 0.2708

# Sweetspot

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



58.3998, 0.3844, 0.3528



87.0440, 0.3297, 0.3356



52.6407, 0.3339, 0.2642



18.2646, 0.3323, 0.3366



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.



58.3998, 0.3844, 0.3528



56.1015, 0.4030, 0.3573



78.3404, 0.3703, 0.3941



17.9653, 0.3287, 0.3353



13.0181, 0.6052, 0.3576



1.3705, 0.5822, 0.3759

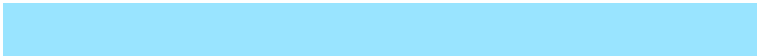


# Inverse Universe

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



69.7554, 0.2615, 0.3036



69.6169, 0.2526, 0.2981



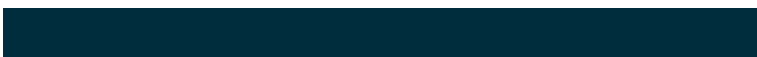
49.9442, 0.2550, 0.2539



18.7930, 0.2980, 0.3226



22.1881, 0.2004, 0.2415



2.2273, 0.2037, 0.2532



# Previews

## White Background



This preview shows how the Yxy color 58.3970, 0.3844, 0.3528 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

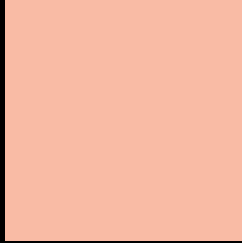
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.3970, 0.3844, 0.3528 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 58.3970, 0.3844, 0.3528**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.3970, 0.3844, 0.3528.



This preview shows how white text looks on a background with the Yxy color 58.3970, 0.3844, 0.3528.

# 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

58.3970, 0.3844, 0.3528

### Protanopia

58.7489, 0.3432, 0.3634

### Deuteranopia

58.3127, 0.3703, 0.3616



## Tritanopia

58.1369, 0.3615, 0.3144

# Trichromacy



**Original Color**

58.3970, 0.3844, 0.3528

**Protanomaly**

58.3520, 0.3576, 0.3601

**Deuteranomaly**

58.2927, 0.3752, 0.3590

**Tritanomaly**

58.2930, 0.3697, 0.3281

# Monochromacy



**Original Color**

58.3970, 0.3844, 0.3528

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

58.8223, 0.3374, 0.3383

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.3970, 0.3844, 0.3528 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(249, 187, 165)` looks like.

```
.text, #text, p{  
    color:rgb(249, 187, 165)  
}
```

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(249, 187, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 187, 165) }
```

## Border

The CSS property to change the border of an element to Yxy 58.3970, 0.3844, 0.3528 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(249, 187, 165) }
```

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

```
.border{ border-color:rgb(249, 187, 165) }
```

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

Here you see how a box with a 4 pixel rgb(249, 187, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 187, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 187, 165);  
box-shadow:4px 4px 4px 4px rgb(249, 187,  
165) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.3970, 0.3844, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 187, 165) }
```

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

```
.background{ background-color: rgb(249,  
187, 165) }
```

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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