

Converting Colors

Yxy(57.4390, 0.3948, 0.3588)

Have a look what the booklet for
Yxy(57.4390, 0.3948, 0.3588)
contains.

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Color

Yxy(57.2245, 0.3942, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	FBB89D
RGB	251, 184, 157
RGB Percent	98%, 72%, 62%
CMY	0.0156, 0.2784, 0.3844
CMYK	0.00, 0.27, 0.37, 0.02
HSL	17°, 92%, 80%
HSV	17°, 37%, 98%
XYZ	63.0109, 57.2245, 39.6096
YIQ	200.9550, 48.5990, 5.8070

Conversions

Conversions Part 2

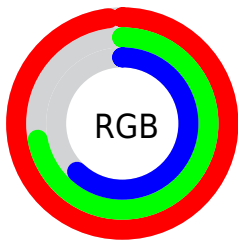
Format	Color
R _Y B	251, 195, 157
Decimal	16496797
CIE Lab	80.31, 20.87, 23.27
CIE LCh	80, 31.256, 48.122
Yxy	57.2245, 0.3942, 0.3580
Android (android.graphics.Color)	4294686877 (0xFFFB89D)
YUV	200.9550, -21.6698, 43.8895
Hunter-Lab	75.6469, 16.3015, 21.9079

Details

The Yxy color **57.2245, 0.3942, 0.3580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.4313, 0.2558, 0.2975**, and the grayscale version is **58.4943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3336, 0.3405, 0.3569**, and **28.6107, 0.4153, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **49.4891, 0.4254, 0.3655**, and if you desaturate by 10%, it is **66.0810, 0.3672, 0.3500**.

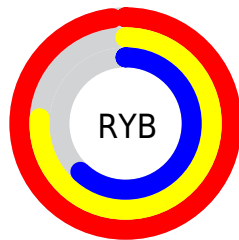
Distribution



Red (98%)

Green (72%)

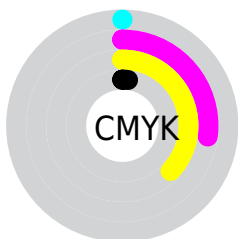
Blue (62%)



Red (98%)

Yellow (76%)

Blue (62%)

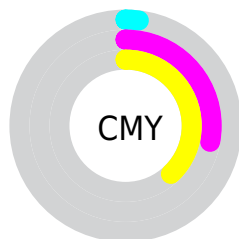


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2245, 0.3942, 0.3580 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 57.2245, 0.3942, 0.3580 by changing the saturation by 10% instead.


 57.2245, 0.3942,
0.3580


 57.2245, 0.3942,
0.3580


414.2900, 0.3545,
0.3454

 41.1855, 0.4037,
0.3606


 100.7927, 0.3801,
0.3538

 28.4641, 0.4156,
0.3636


 129.0907, 0.3747,
0.3521

 18.6758, 0.4310,
0.3671


162.2438, 0.3701,
0.3507

 11.4362, 0.4516,
0.3710

200.6364, 0.3661,
0.3494

 6.3611, 0.4801,
0.3748

244.6530, 0.3627,
0.3482

 3.0658, 0.5219,
0.3772

294.6778, 0.3596,

 1.1662, 0.6121,

0.3472

0.3879

351.0954, 0.3569,
0.3462

0.0338, 0.9412,
0.0588

0.0000, 0.0000,
0.0000

57.2245, 0.3942,
0.3580

57.2245, 0.3942,
0.3580

49.4891, 0.4254,
0.3655

66.0810, 0.3672,
0.3500

42.8208, 0.4606,
0.3717

76.0934, 0.3443,
0.3420

37.1731, 0.4983,
0.3755

87.3051, 0.3250,
0.3344

32.4927, 0.5360,
0.3757

99.2513, 0.3103,
0.3290

■ 28.7208, 0.5700,
0.3712

■ 25.7896, 0.5965,
0.3624

■ 25.1659, 0.6023,
0.3599

Harmonies

Analogous

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



57.2245, 0.3799, 0.3249



57.2245, 0.3942, 0.3580



57.2245, 0.3848, 0.3866

Triad

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



57.2245, 0.3942, 0.3580



57.2245, 0.2775, 0.3673



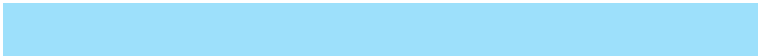
57.2245, 0.2679, 0.2630

Complementary

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



57.2245, 0.3942, 0.3580



67.4313, 0.2558, 0.2975

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.



57.2245, 0.2441, 0.2692



57.2245, 0.3942, 0.3580



57.2245, 0.2492, 0.3276

Square

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



57.2245, 0.3942, 0.3580



57.2245, 0.3163, 0.3957



57.2245, 0.2375, 0.2917



57.2245, 0.3048, 0.2723

Rectangle

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



57.2245, 0.3942, 0.3580



57.2245, 0.3672, 0.3989



57.2245, 0.2375, 0.2917



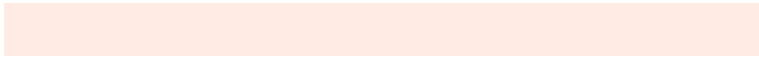
57.2245, 0.2582, 0.2632

Sweetspot

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



57.2272, 0.3942, 0.3580



86.2274, 0.3315, 0.3370



50.0176, 0.3397, 0.2600



18.1159, 0.3341, 0.3381



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.



57.2272, 0.3942, 0.3580



53.1382, 0.4175, 0.3638



79.8929, 0.3762, 0.4043



18.0378, 0.3287, 0.3359



13.4414, 0.5994, 0.3622



1.4180, 0.5762, 0.3807

Inverse Universe

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



67.4313, 0.2558, 0.2975



65.0677, 0.2453, 0.2900



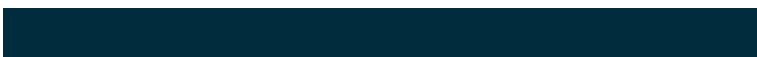
45.7127, 0.2474, 0.2400



18.7161, 0.2980, 0.3220



20.8381, 0.1979, 0.2325



2.1114, 0.2015, 0.2454

Previews

White Background



This preview shows how the Yxy color 57.2245, 0.3942, 0.3580 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 57.2245, 0.3942, 0.3580 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 57.2245, 0.3942, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 57.2245, 0.3942, 0.3580.



This preview shows how white text looks on a background with the Yxy color 57.2245, 0.3942, 0.3580.

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

57.2245, 0.3942, 0.3580

Protanopia

57.3761, 0.3490, 0.3708

Deuteranopia

57.5920, 0.3772, 0.3695



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.2245, 0.3942, 0.3580

Protanomaly

57.3255, 0.3655, 0.3670

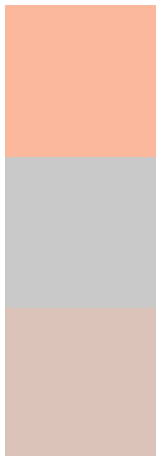
Deuteranomaly

57.3208, 0.3835, 0.3656

Tritanomaly

57.2257, 0.3767, 0.3302

Monochromacy



Original Color

57.2245, 0.3942, 0.3580

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5931, 0.3400, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2245, 0.3942, 0.3580 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(251, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 184, 157)  
}
```

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(251, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 184, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.2245, 0.3942, 0.3580 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(251, 184, 157) }
```

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

```
.border{ border-color:rgb(251, 184, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 184,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2245, 0.3942, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 184, 157) }
```

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

```
.background{ background-color: rgb(251,  
184, 157) }
```

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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