

Converting Colors

Yxy(57.8513, 0.3851, 0.3531)

Have a look what the booklet for
Yxy(57.8513, 0.3851, 0.3531)
contains.

Yxy(57.7546, 0.3847, 0.3529)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.7546, 0.3847, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	F8BAA4
RGB	248, 186, 164
RGB Percent	97%, 73%, 64%
CMY	0.0276, 0.2705, 0.3569
CMYK	0.00, 0.25, 0.34, 0.03
HSL	16°, 86%, 81%
HSV	16°, 34%, 97%
XYZ	62.9589, 57.7546, 42.9436
YIQ	202.0300, 44.0140, 6.3020

Conversions

Conversions Part 2

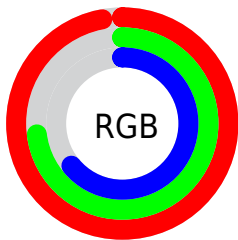
Format	Color
RYB	248, 194, 164
Decimal	16300708
CIELab	80.60, 19.47, 19.88
CIElCh	81, 27.828, 45.608
Yxy	57.7546, 0.3847, 0.3529
Android (android.graphics.Color)	4294490788 (0xFFF8BAA4)
YUV	202.0300, -18.7488, 40.3157
Hunter-Lab	75.9964, 14.8837, 19.6943

Details

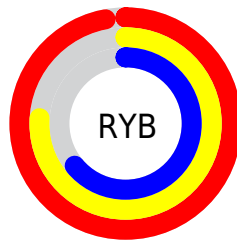
The Yxy color **57.7546, 0.3847, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0133, 0.2613, 0.3035**, and the grayscale version is **59.1808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8787, 0.3357, 0.3518**, and **28.8921, 0.4037, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **49.7272, 0.4150, 0.3600**, and if you desaturate by 10%, it is **66.9483, 0.3588, 0.3455**.

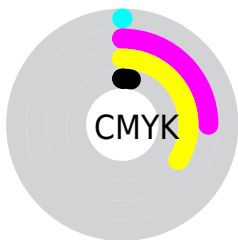
Distribution



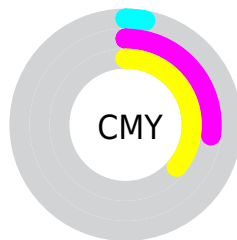
- Red (97%)
- Green (73%)
- Blue (64%)



- Red (97%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (3%)




- Cyan (3%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7546, 0.3847, 0.3529 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 57.7546, 0.3847, 0.3529 by changing the saturation by 10% instead.


 57.7546, 0.3847,
0.3529

 57.7546, 0.3847,
0.3529

416.2709, 0.3497,
0.3424

 41.6114, 0.3931,
0.3551

 101.5654, 0.3722,
0.3494

 28.7971, 0.4037,
0.3576


 130.0018, 0.3675,
0.3480

 18.9274, 0.4174,
0.3607


163.3047, 0.3634,
0.3468

 11.6178, 0.4357,
0.3641

201.8586, 0.3599,
0.3457

 6.4840, 0.4615,
0.3679

246.0477, 0.3569,
0.3448

 3.1416, 0.4996,
0.3707

296.2565, 0.3542,

 1.2061, 0.6034,

0.3439

0.3966

352.8695, 0.3518,
0.3431

0.0667, 0.8899,
0.1101

0.0000, 0.0000,
0.0000

57.7546, 0.3847,
0.3529

57.7546, 0.3847,
0.3529

49.7272, 0.4150,
0.3600

66.9483, 0.3588,
0.3455

42.8105, 0.4497,
0.3662

77.3446, 0.3371,
0.3383

36.9567, 0.4877,
0.3704

88.9883, 0.3189,
0.3315

32.1107, 0.5269,
0.3716

98.6888, 0.3084,
0.3290

■ 28.2125, 0.5637,
0.3687

■ 25.1943, 0.5936,
0.3613

■ 23.7389, 0.6079,
0.3555

Harmonies

Analogous

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



57.7546, 0.3704, 0.3231



57.7546, 0.3847, 0.3529



57.7546, 0.3783, 0.3788

Triad

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



57.7546, 0.3847, 0.3529



57.7546, 0.2842, 0.3655



57.7546, 0.2705, 0.2698

Complementary

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



57.7546, 0.3847, 0.3529



69.0133, 0.2613, 0.3035

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.



57.7546, 0.2503, 0.2769



57.7546, 0.3847, 0.3529



57.7546, 0.2577, 0.3310

Square

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



57.7546, 0.3847, 0.3529



57.7546, 0.3193, 0.3890



57.7546, 0.2457, 0.2985



57.7546, 0.3028, 0.2770

Rectangle

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



57.7546, 0.3847, 0.3529



57.7546, 0.3636, 0.3902



57.7546, 0.2457, 0.2985



57.7546, 0.2622, 0.2705

Sweetspot

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



57.7573, 0.3847, 0.3529



87.0473, 0.3297, 0.3356



52.0385, 0.3340, 0.2640



18.2654, 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.



57.7573, 0.3847, 0.3529



55.2743, 0.4061, 0.3581



77.5475, 0.3705, 0.3944



17.9659, 0.3287, 0.3353



13.0216, 0.6052, 0.3577



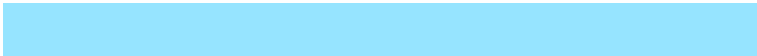
1.3709, 0.5822, 0.3759

Inverse Universe

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



69.0133, 0.2613, 0.3035



68.9908, 0.2512, 0.2972



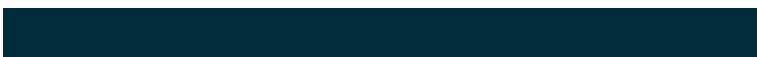
49.3545, 0.2548, 0.2536



18.7923, 0.2980, 0.3226



22.1759, 0.2004, 0.2414



2.2263, 0.2036, 0.2531

Previews

White Background



This preview shows how the Yxy color 57.7546, 0.3847, 0.3529 looks on a white background.

Color Contrast Check

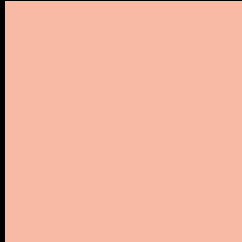
Large Text (above 18pt) WCAG AA × Fail

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 57.7546, 0.3847, 0.3529 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 57.7546, 0.3847, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 57.7546, 0.3847, 0.3529.



This preview shows how white text looks on a background with the Yxy color 57.7546, 0.3847, 0.3529.

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

57.7546, 0.3847, 0.3529

Protanopia

58.0977, 0.3433, 0.3635

Deuteranopia

58.1079, 0.3702, 0.3629



Tritanopia

57.4971, 0.3617, 0.3144

Trichromacy



Original Color

57.7546, 0.3847, 0.3529

Protanomaly

57.7047, 0.3578, 0.3602

Deuteranomaly

57.6484, 0.3755, 0.3591

Tritanomaly

57.6517, 0.3700, 0.3281

Monochromacy



Original Color

57.7546, 0.3847, 0.3529

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1708, 0.3375, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7546, 0.3847, 0.3529 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(248, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(248, 186, 164)  
}
```

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(248, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 186, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.7546, 0.3847, 0.3529 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(248, 186, 164) }
```

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

```
.border{ border-color:rgb(248, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 186, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 186, 164); box-shadow:4px 4px 4px 4px rgb(248, 186, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7546, 0.3847, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 186, 164) }
```

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

```
.background{ background-color: rgb(248,  
186, 164) }
```

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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