

Converting Colors

Yxy(63.6817, 0.3551, 0.3412)

Have a look what the booklet for
Yxy(63.6817, 0.3551, 0.3412)
contains.

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Color

Yxy(63.8599, 0.3548, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	F2C8BD
RGB	242, 200, 189
RGB Percent	95%, 78%, 74%
CMY	0.0512, 0.2156, 0.2588
CMYK	0.00, 0.17, 0.22, 0.05
HSL	12°, 67%, 84%
HSV	12°, 22%, 95%
XYZ	66.4443, 63.8599, 56.9683
YIQ	211.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

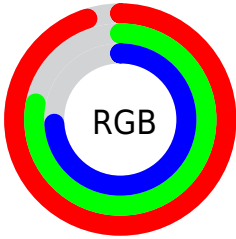
Format	Color
R _Y B	242, 203, 189
Decimal	15911101
CIE Lab	83.89, 13.18, 11.07
CIE LCh	84, 17.214, 40.022
Yxy	63.8599, 0.3548, 0.3410
Android (android.graphics.Color)	4294101181 (0xFFFF2C8BD)
YUV	211.3040, -10.9959, 26.9204
Hunter-Lab	79.9124, 8.5696, 13.6718

Details

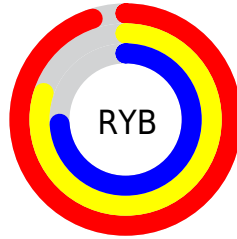
The Yxy color **63.8599, 0.3548, 0.3410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3361, 0.2793, 0.3167**, and the grayscale version is **65.4118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.6496, 0.3650, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **54.5721, 0.3806, 0.3469**, and if you desaturate by 10%, it is **74.4407, 0.3334, 0.3353**.

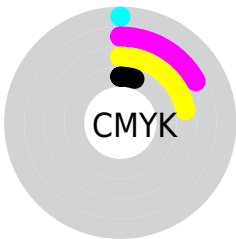
Distribution



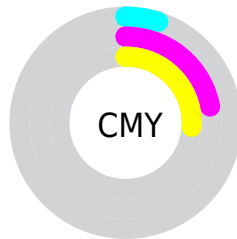
- Red (95%)
- Green (78%)
- Blue (74%)



- Red (95%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8599, 0.3548, 0.3410 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 63.8599, 0.3548, 0.3410 by changing the saturation by 10% instead.

 63.8599, 0.3548,
0.3410

 63.8599, 0.3548,
0.3410

438.6835, 0.3347,
0.3357

 46.5372, 0.3595,
0.3422


 110.4091, 0.3477,
0.3392

 32.6700, 0.3655,
0.3436


140.4045, 0.3450,
0.3385

 21.8737, 0.3732,
0.3453


175.3928, 0.3426,
0.3379

 13.7641, 0.3834,
0.3474

215.7586, 0.3406,
0.3373

 7.9568, 0.3978,
0.3501

261.8862, 0.3389,
0.3368

 4.0673, 0.4193,
0.3534

314.1599, 0.3373,

 1.7113, 0.4548,

0.3364

0.3572

372.9642, 0.3359,
0.3360

0.4310, 0.6292,
0.3708

0.0000, 0.0000,
0.0000

63.8599, 0.3548,
0.3410

63.8599, 0.3548,
0.3410

54.5721, 0.3806,
0.3469

74.4407, 0.3334,
0.3353

46.5188, 0.4112,
0.3526

86.3527, 0.3157,
0.3300

39.6502, 0.4467,
0.3576

97.6081, 0.3047,
0.3290

33.9094, 0.4864,
0.3611

■ 29.2349, 0.5280,
0.3622

■ 25.5588, 0.5674,
0.3598

■ 22.8051, 0.5997,
0.3537

■ 21.1817, 0.6186,
0.3470

Harmonies

Analogous

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



63.8599, 0.3442, 0.3226



63.8599, 0.3548, 0.3410



63.8599, 0.3536, 0.3572

Triad

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



63.8599, 0.3548, 0.3410



63.8599, 0.2996, 0.3536



63.8599, 0.2843, 0.2930

Complementary

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



63.8599, 0.3548, 0.3410



74.3361, 0.2793, 0.3167

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.



63.8599, 0.2733, 0.2996



63.8599, 0.3548, 0.3410



63.8599, 0.2819, 0.3345

Square

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



63.8599, 0.3548, 0.3410



63.8599, 0.3212, 0.3654



63.8599, 0.2724, 0.3146



63.8599, 0.3031, 0.2955

Rectangle

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



63.8599, 0.3548, 0.3410



63.8599, 0.3463, 0.3644



63.8599, 0.2724, 0.3146



63.8599, 0.2796, 0.2942

Sweetspot

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



63.8628, 0.3548, 0.3410



90.2149, 0.3244, 0.3327



61.0538, 0.3232, 0.2849



19.1367, 0.3254, 0.3330



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

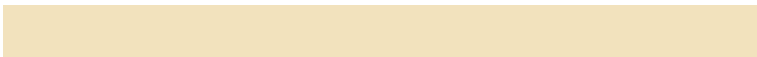
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8628, 0.3548, 0.3410



67.3994, 0.3650, 0.3435



76.9700, 0.3491, 0.3681



16.2920, 0.3288, 0.3340



11.5419, 0.6161, 0.3490



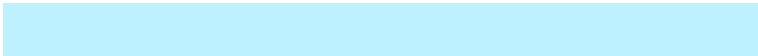
1.0989, 0.5916, 0.3685

Inverse Universe

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



74.3361, 0.2793, 0.3167



81.0268, 0.2731, 0.3140



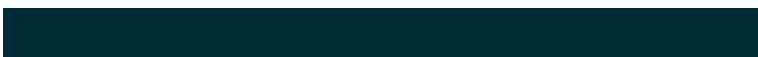
60.8346, 0.2771, 0.2866



17.3375, 0.2981, 0.3240



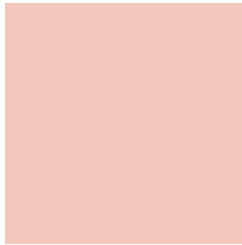
23.8086, 0.2058, 0.2607



2.1193, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 63.8599, 0.3548, 0.3410 looks on a white background.

Color Contrast Check

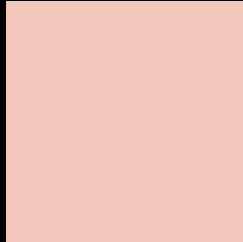
Large Text (above 18pt) WCAG AA × Fail

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 63.8599, 0.3548, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

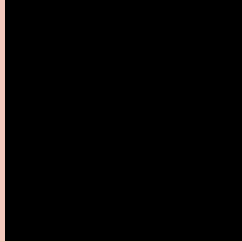
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8599, 0.3548, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 63.8599, 0.3548, 0.3410.

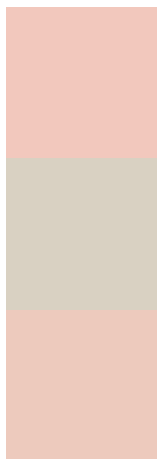


This preview shows how white text looks on a background with the Yxy color 63.8599, 0.3548, 0.3410.

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

63.8599, 0.3548, 0.3410

Protanopia

64.2477, 0.3295, 0.3461

Deuteranopia

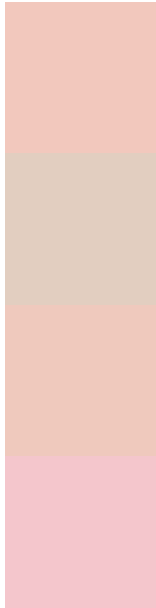
63.9197, 0.3503, 0.3433



Tritanopia

64.0984, 0.3397, 0.3133

Trichromacy



Original Color

63.8599, 0.3548, 0.3410

Protanomaly

64.1171, 0.3385, 0.3447

Deuteranomaly

63.7981, 0.3522, 0.3421

Tritanomaly

63.9809, 0.3450, 0.3227

Monochromacy



Original Color

63.8599, 0.3548, 0.3410

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4670, 0.3270, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8599, 0.3548, 0.3410 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(242, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 189)  
}
```

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(242, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 189) }
```

Border

The CSS property to change the border of an element to Yxy 63.8599, 0.3548, 0.3410 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(242, 200, 189) }
```

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

```
.border{ border-color:rgb(242, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 200, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 200, 189); box-shadow:4px 4px 4px 4px rgb(242, 200, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8599, 0.3548, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 189) }
```

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

```
.background{ background-color: rgb(242,  
200, 189) }
```

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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