

Converting Colors

$Yxy(58.9345, 0.3704, 0.3580)$

Have a look what the booklet for
Yxy(58.9345, 0.3704, 0.3580)
contains.

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Color

Yxy(58.9345, 0.3704, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	EDC1A7
RGB	237, 193, 167
RGB Percent	93%, 76%, 65%
CMY	0.0705, 0.2432, 0.3452
CMYK	0.00, 0.19, 0.30, 0.07
HSL	22°, 66%, 79%
HSV	22°, 30%, 93%
XYZ	60.9758, 58.9345, 44.7112
YIQ	203.1920, 34.5700, 1.2420

Conversions

Conversions Part 2

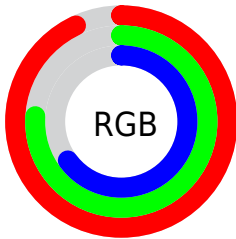
Format	Color
R _Y B	237, 208, 167
Decimal	15581607
CIE Lab	81.26, 12.03, 19.03
CIE LCh	81, 22.508, 57.705
Yxy	58.9345, 0.3704, 0.3580
Android (android.graphics.Color)	4293771687 (0xFFEDC1A7)
YUV	203.1920, -17.8427, 29.6496
Hunter-Lab	76.7688, 7.4333, 19.2069

Details

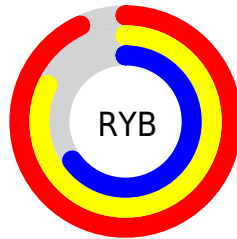
The Yxy color **58.9345, 0.3704, 0.3580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9253, 0.2666, 0.2980**, and the grayscale version is **59.9480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2853, 0.3329, 0.3555**, and **29.4063, 0.3855, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **51.8804, 0.3964, 0.3682**, and if you desaturate by 10%, it is **66.8185, 0.3479, 0.3478**.

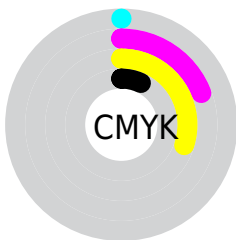
Distribution



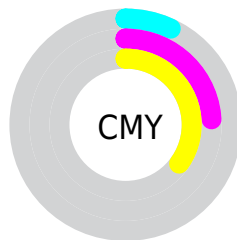
- Red (93%)
- Green (76%)
- Blue (65%)



- Red (93%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9345, 0.3704, 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 58.9345, 0.3704, 0.3580 by changing the saturation by 10% instead.

 58.9345, 0.3704,
0.3580


 58.9345, 0.3704,
0.3580

420.6591, 0.3425,
0.3447

 42.5604, 0.3771,
0.3610


 103.2825, 0.3605,
0.3534

 29.5403, 0.3854,
0.3646


 132.0251, 0.3567,
0.3516

 19.4900, 0.3962,
0.3690


165.6594, 0.3535,
0.3501

 12.0248, 0.4107,
0.3747

204.5697, 0.3507,
0.3487

 6.7606, 0.4310,
0.3818

249.1404, 0.3482,
0.3476

 3.3128, 0.4611,
0.3906

299.7560, 0.3461,

 1.2972, 0.5551,

0.3465

0.4360

356.8008, 0.3442,
0.3456

0.1390, 0.7538,
0.2462

0.0000, 0.0000,
0.0000

58.9345, 0.3704,
0.3580

58.9345, 0.3704,
0.3580

51.8804, 0.3964,
0.3682

66.8185, 0.3479,
0.3478

45.6196, 0.4258,
0.3777

75.5510, 0.3285,
0.3379

40.1247, 0.4581,
0.3856

85.1603, 0.3120,
0.3286

35.3635, 0.4920,
0.3905

95.2255, 0.3018,
0.3266

■ 31.3010, 0.5253,
0.3913

■ 96.7496, 0.3018,
0.3290

■ 27.8983, 0.5550,
0.3869

■ 25.1063, 0.5793,
0.3779

■ 24.9939, 0.5803,
0.3774

Harmonies

Analogous

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



58.9345, 0.3654, 0.3344



58.9345, 0.3704, 0.3580



58.9345, 0.3592, 0.3755

Triad

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



58.9345, 0.3704, 0.3580



58.9345, 0.2800, 0.3476



58.9345, 0.2884, 0.2818

Complementary

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



58.9345, 0.3704, 0.3580



60.9253, 0.2666, 0.2980

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.



58.9345, 0.2673, 0.2831



58.9345, 0.3704, 0.3580



58.9345, 0.2626, 0.3198

Square

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



58.9345, 0.3704, 0.3580



58.9345, 0.3065, 0.3707



58.9345, 0.2581, 0.2964



58.9345, 0.3169, 0.2919

Rectangle

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



58.9345, 0.3704, 0.3580



58.9345, 0.3444, 0.3807



58.9345, 0.2581, 0.2964



58.9345, 0.2803, 0.2809

Sweetspot

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



58.9372, 0.3704, 0.3580



89.7473, 0.3276, 0.3374



50.3607, 0.3377, 0.2809



18.8720, 0.3302, 0.3388



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.



58.9372, 0.3704, 0.3580



64.8032, 0.3845, 0.3637



76.1151, 0.3600, 0.3939



15.9704, 0.3284, 0.3378



13.8727, 0.5773, 0.3798



1.2682, 0.5512, 0.4005

Inverse Universe

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



60.9253, 0.2666, 0.2980



67.4649, 0.2581, 0.2911



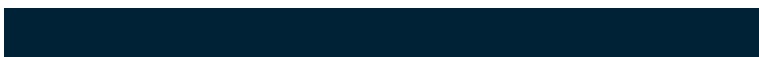
45.5064, 0.2618, 0.2545



16.1270, 0.2981, 0.3200



15.3301, 0.1897, 0.2027



1.3870, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 58.9345, 0.3704, 0.3580 looks on a white background.

Color Contrast Check

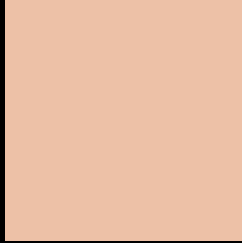
Large Text (above 18pt) WCAG AA × Fail

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 58.9345, 0.3704, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

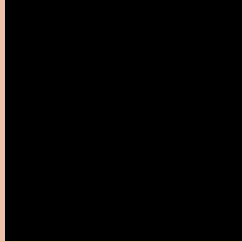
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9345, 0.3704, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 58.9345, 0.3704, 0.3580.



This preview shows how white text looks on a background with the Yxy color 58.9345, 0.3704, 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

58.9345, 0.3704, 0.3580

Protanopia

59.3275, 0.3446, 0.3656

Deuteranopia

58.8660, 0.3675, 0.3593



Tritanopia

58.9315, 0.3459, 0.3140

Trichromacy



Original Color

58.9345, 0.3704, 0.3580

Protanomaly

59.2787, 0.3535, 0.3625

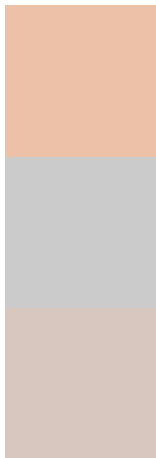
Deuteranomaly

59.0358, 0.3683, 0.3593

Tritanomaly

59.0263, 0.3554, 0.3302

Monochromacy



Original Color

58.9345, 0.3704, 0.3580

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0116, 0.3322, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9345, 0.3704, 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(237, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 167)  
}
```

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(237, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 167) }
```

Border

The CSS property to change the border of an element to Yxy 58.9345, 0.3704, 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(237, 193, 167) }
```

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

```
.border{ border-color:rgb(237, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9345, 0.3704, 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(237, 193, 167) }
```

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

```
.background{ background-color: rgb(237,  
193, 167) }
```

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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