

Converting Colors

$Yxy(58.8575, 0.3450, 0.3445)$

Have a look what the booklet for
Yxy(58.8575, 0.3450, 0.3445)
contains.

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Color

Yxy(58.5867, 0.3448, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	DFC4B7
RGB	223, 196, 183
RGB Percent	87%, 77%, 72%
CMY	0.1254, 0.2314, 0.2824
CMYK	0.00, 0.12, 0.18, 0.13
HSL	20°, 39%, 80%
HSV	20°, 18%, 87%
XYZ	58.7229, 58.5867, 53.0005
YIQ	202.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

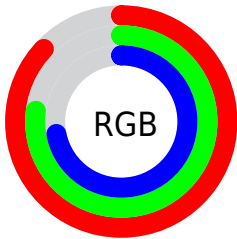
Format	Color
R _Y B	223, 202, 183
Decimal	14664887
CIE Lab	81.06, 7.47, 10.02
CIE LCh	81, 12.504, 53.292
Yxy	58.5867, 0.3448, 0.3440
Android (android.graphics.Color)	4292854967 (0xFFDFC4B7)
YUV	202.5910, -9.6584, 17.8987
Hunter-Lab	76.5419, 2.9967, 12.5247

Details

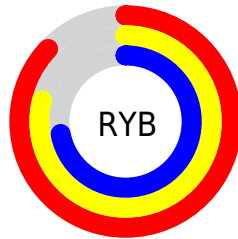
The Yxy color **58.5867, 0.3448, 0.3440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4914, 0.2850, 0.3135**, and the grayscale version is **59.5056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7426, 0.3222, 0.3425**, and **29.1732, 0.3528, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **51.2797, 0.3672, 0.3529**, and if you desaturate by 10%, it is **66.7274, 0.3257, 0.3354**.

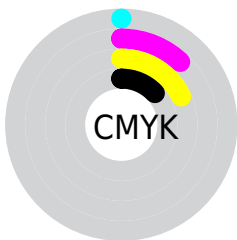
Distribution



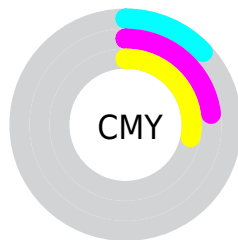
- Red (87%)
- Green (77%)
- Blue (72%)



- Red (87%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5867, 0.3448, 0.3440 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 58.5867, 0.3448, 0.3440 by changing the saturation by 10% instead.


 58.5867, 0.3448,
0.3440

 58.5867, 0.3448,
0.3440


419.3686, 0.3293,
0.3370

 42.2805, 0.3485,
0.3456


 102.7767, 0.3393,
0.3415

 29.3210, 0.3532,
0.3476


131.4294, 0.3372,
0.3406

 19.3238, 0.3593,
0.3502


164.9663, 0.3354,
0.3398

 11.9045, 0.3676,
0.3535

203.7718, 0.3338,
0.3391

 6.6787, 0.3794,
0.3581

248.2304, 0.3325,
0.3385

 3.2620, 0.3975,
0.3646

298.7265, 0.3313,

 1.2700, 0.4332,

0.3379

355.6444, 0.3302,
0.3374

0.3783

0.1178, 0.7143,
0.2857

0.0000, 0.0000,
0.0000

58.5867, 0.3448,
0.3440

58.5867, 0.3448,
0.3440

51.2797, 0.3672,
0.3529

66.7274, 0.3257,
0.3354

44.7717, 0.3934,
0.3619

75.7196, 0.3096,
0.3274

39.0368, 0.4235,
0.3704

85.5902, 0.2960,
0.3200

34.0449, 0.4570,
0.3774

94.4324, 0.2935,
0.3289

■ 29.7638, 0.4928,
0.3820

■ 26.1583, 0.5285,
0.3827

■ 23.1899, 0.5609,
0.3787

■ 20.8132, 0.5871,
0.3701

■ 20.3924, 0.5920,
0.3682

Harmonies

Analogous

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



58.5867, 0.3407, 0.3305



58.5867, 0.3448, 0.3440



58.5867, 0.3401, 0.3541

Triad

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



58.5867, 0.3448, 0.3440



58.5867, 0.2965, 0.3414



58.5867, 0.2972, 0.3018

Complementary

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



58.5867, 0.3448, 0.3440



61.4914, 0.2850, 0.3135

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.



58.5867, 0.2859, 0.3039



58.5867, 0.3448, 0.3440



58.5867, 0.2855, 0.3265

Square

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



58.5867, 0.3448, 0.3440



58.5867, 0.3119, 0.3530



58.5867, 0.2817, 0.3128



58.5867, 0.3128, 0.3066

Rectangle

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



58.5867, 0.3448, 0.3440



58.5867, 0.3326, 0.3572



58.5867, 0.2817, 0.3128



58.5867, 0.2927, 0.3017

Sweetspot

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



58.5893, 0.3448, 0.3440



93.8378, 0.3208, 0.3330



54.2209, 0.3247, 0.2982



19.9049, 0.3219, 0.3336



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.



58.5893, 0.3448, 0.3440



75.0753, 0.3538, 0.3477



68.0613, 0.3410, 0.3657



14.4245, 0.3284, 0.3367



12.1702, 0.5893, 0.3703



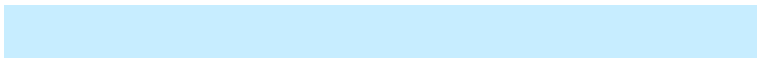
1.0026, 0.5591, 0.3943

Inverse Universe

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



61.4914, 0.2850, 0.3135



79.7796, 0.2785, 0.3095



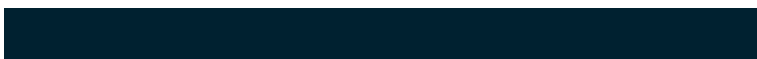
52.3600, 0.2837, 0.2894



14.7819, 0.2982, 0.3212



16.2673, 0.1943, 0.2195



1.2883, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 58.5867, 0.3448, 0.3440 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 58.5867, 0.3448, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

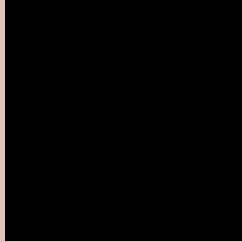
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5867, 0.3448, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 58.5867, 0.3448, 0.3440.



This preview shows how white text looks on a background with the Yxy color 58.5867, 0.3448, 0.3440.

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

58.5867, 0.3448, 0.3440

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.4965, 0.3494, 0.3416



Tritanopia

58.3730, 0.3289, 0.3123

Trichromacy



Original Color

58.5867, 0.3448, 0.3440

Protanomaly

58.6037, 0.3360, 0.3466

Deuteranomaly

58.6179, 0.3475, 0.3427

Tritanomaly

58.2247, 0.3350, 0.3234

Monochromacy



Original Color

58.5867, 0.3448, 0.3440

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9957, 0.3235, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5867, 0.3448, 0.3440 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(223, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 183)  
}
```

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(223, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 183) }
```

Border

The CSS property to change the border of an element to Yxy 58.5867, 0.3448, 0.3440 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(223, 196, 183) }
```

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

```
.border{ border-color:rgb(223, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5867, 0.3448, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 183) }
```

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

```
.background{ background-color: rgb(223,  
196, 183) }
```

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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