

Converting Colors

Yxy(57.6073, 0.3608, 0.3851)

Have a look what the booklet for
Yxy(57.6073, 0.3608, 0.3851)
contains.

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Color

Yxy(57.4100, 0.3608, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	D6C798
RGB	214, 199, 152
RGB Percent	84%, 78%, 60%
CMY	0.1607, 0.2196, 0.4039
CMYK	0.00, 0.07, 0.29, 0.16
HSL	45°, 43%, 72%
HSV	45°, 29%, 84%
XYZ	53.8293, 57.4100, 37.9551
YIQ	198.1270, 24.0270, -11.4370

Conversions

Conversions Part 2

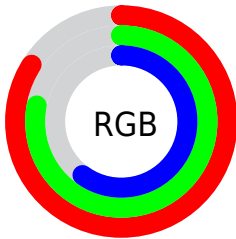
Format	Color
R _Y B	172, 214, 152
Decimal	14075800
CIE Lab	80.41, -1.88, 25.47
CIE LCh	80, 25.537, 94.221
Yxy	57.4100, 0.3608, 0.3848
Android (android.graphics.Color)	4292265880 (0xFFD6C798)
YUV	198.1270, -22.7406, 13.9206
Hunter-Lab	75.7694, -5.7835, 23.3385

Details

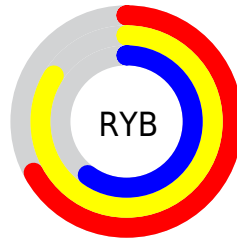
The Yxy color **57.4100, 0.3608, 0.3848** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1877, 0.2643, 0.2661**, and the grayscale version is **56.6870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **28.5613, 0.3731, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **54.4264, 0.3792, 0.4043**, and if you desaturate by 10%, it is **60.6068, 0.3431, 0.3651**.

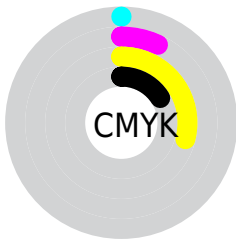
Distribution



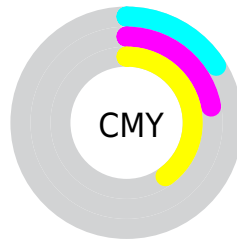
- Red (84%)
- Green (78%)
- Blue (60%)



- Red (67%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4100, 0.3608, 0.3848 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 57.4100, 0.3608, 0.3848 by changing the saturation by 10% instead.


 57.4100, 0.3608,
0.3848


 57.4100, 0.3608,
0.3848

414.9839, 0.3378,
0.3579

 41.3345, 0.3662,
0.3911

 101.0632, 0.3527,
0.3753

 28.5806, 0.3728,
0.3991


 129.4097, 0.3496,
0.3717

 18.7637, 0.3813,
0.4092


162.6153, 0.3469,
0.3685

 11.4997, 0.3924,
0.4226

201.0644, 0.3446,
0.3658

 6.4040, 0.4072,
0.4407

245.1414, 0.3426,
0.3635

 3.0923, 0.4291,
0.4681

295.2307, 0.3408,

 1.1801, 0.4748,

0.3614

0.5252

351.7167, 0.3392,
0.3596

0.0454, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4100, 0.3608,
0.3848

57.4100, 0.3608,
0.3848

54.4264, 0.3792,
0.4043

60.6068, 0.3431,
0.3651

51.6405, 0.3979,
0.4226

64.0160, 0.3265,
0.3457

49.0467, 0.4162,
0.4388

67.6469, 0.3112,
0.3271

46.6359, 0.4332,
0.4519

71.5058, 0.2972,
0.3096

■ 44.3979, 0.4481,
0.4608

■ 75.3365, 0.2869,
0.2974

■ 42.3206, 0.4602,
0.4650

■ 78.1835, 0.2872,
0.3029

■ 40.3854, 0.4695,
0.4648

■ 81.1164, 0.2874,
0.3084

■ 40.1926, 0.4704,
0.4647

■ 84.1360, 0.2877,
0.3139

■ 87.2431, 0.2879,
0.3193

Harmonies

Analogous

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



57.4100, 0.3775, 0.3669



57.4100, 0.3608, 0.3848



57.4100, 0.3316, 0.3876

Triad

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



57.4100, 0.3608, 0.3848



57.4100, 0.2533, 0.3116



57.4100, 0.3248, 0.2908

Complementary

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



57.4100, 0.3608, 0.3848



39.1877, 0.2643, 0.2661

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.



57.4100, 0.2914, 0.2769



57.4100, 0.3608, 0.3848



57.4100, 0.2516, 0.2872

Square

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



57.4100, 0.3608, 0.3848



57.4100, 0.2700, 0.3434



57.4100, 0.2652, 0.2752



57.4100, 0.3563, 0.3136

Rectangle

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



57.4100, 0.3608, 0.3848



57.4100, 0.3093, 0.3793



57.4100, 0.2652, 0.2752



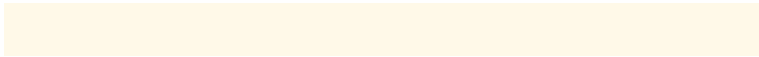
57.4100, 0.3134, 0.2850

Sweetspot

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



57.4126, 0.3608, 0.3848



95.1107, 0.3267, 0.3459



39.5705, 0.3605, 0.3101



20.1939, 0.3291, 0.3487



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.



57.4126, 0.3608, 0.3848



82.4888, 0.3725, 0.3973



62.4521, 0.3439, 0.4040



13.9861, 0.3272, 0.3466



24.4564, 0.4695, 0.4654



1.6001, 0.4590, 0.4737

Inverse Universe

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



39.1877, 0.2643, 0.2661



51.0042, 0.2524, 0.2496



35.5894, 0.2748, 0.2481



12.4927, 0.2982, 0.3108



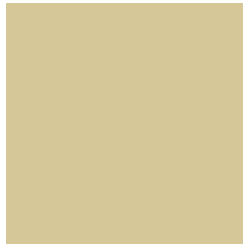
4.5493, 0.1578, 0.0882



0.4052, 0.1671, 0.1217

Previews

White Background



This preview shows how the Yxy color 57.4100, 0.3608, 0.3848 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 57.4100, 0.3608, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

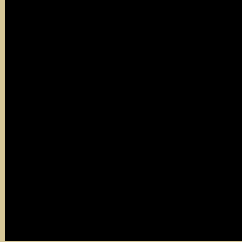
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

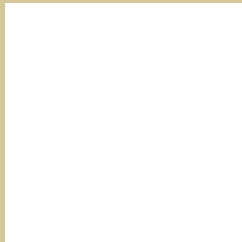
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4100, 0.3608, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 57.4100, 0.3608, 0.3848.



This preview shows how white text looks on a background with the Yxy color 57.4100, 0.3608, 0.3848.

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

57.4100, 0.3608, 0.3848

Protanopia

57.2600, 0.3599, 0.3850

Deuteranopia

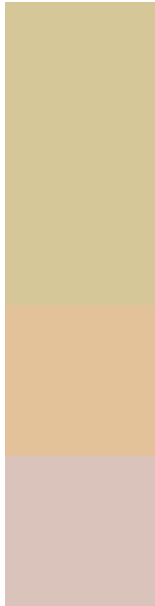
57.0871, 0.3792, 0.3707



Tritanopia

57.5764, 0.3248, 0.3121

Trichromacy



Original Color

57.4100, 0.3608, 0.3848

Protanomaly

57.2600, 0.3599, 0.3850

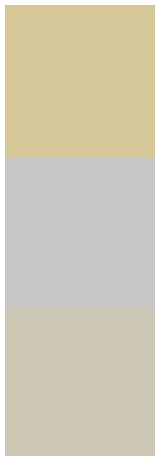
Deuteranomaly

57.2144, 0.3729, 0.3761

Tritanomaly

57.5235, 0.3376, 0.3383

Monochromacy



Original Color

57.4100, 0.3608, 0.3848

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5617, 0.3302, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4100, 0.3608, 0.3848 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(214, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 152)  
}
```

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(214, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 152) }
```

Border

The CSS property to change the border of an element to Yxy 57.4100, 0.3608, 0.3848 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(214, 199, 152) }
```

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

```
.border{ border-color:rgb(214, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 152);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4100, 0.3608, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 152) }
```

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

```
.background{ background-color: rgb(214,  
199, 152) }
```

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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