

Converting Colors

Yxy(57.5786, 0.3480, 0.3546)

Have a look what the booklet for
Yxy(57.5786, 0.3480, 0.3546)
contains.

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Color

Yxy(57.5959, 0.3485, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4AE
RGB	219, 196, 174
RGB Percent	86%, 77%, 68%
CMY	0.1413, 0.2313, 0.3175
CMYK	0.00, 0.10, 0.21, 0.14
HSL	29°, 38%, 77%
HSV	29°, 21%, 86%
XYZ	56.5891, 57.5959, 48.1941
YIQ	200.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

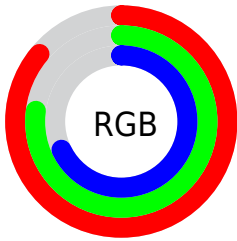
Format	Color
RYB	219, 217, 174
Decimal	14402734
CIELab	80.51, 4.62, 13.98
CIElCh	81, 14.728, 71.700
Yxy	57.5959, 0.3485, 0.3547
Android (android.graphics.Color)	4292592814 (0xFFDBC4AE)
YUV	200.3690, -12.9999, 16.3394
Hunter-Lab	75.8920, 0.2883, 15.4731

Details

The Yxy color $57.5959, 0.3485, 0.3547$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.0432, 0.2804, 0.3019$, and the grayscale version is $58.0710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2237, 0.3276, 0.3513$, and $28.6437, 0.3581, 0.3599$ is the 20% darker color. If you saturate the color by 10%, you get $51.9523, 0.3697, 0.3680$, and if you desaturate by 10%, it is $63.7603, 0.3298, 0.3418$.

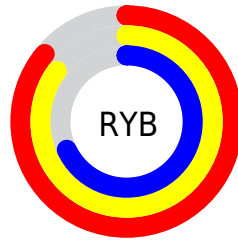
Distribution



Red (86%)

Green (77%)

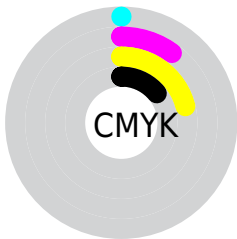
Blue (68%)



Red (86%)

Yellow (85%)

Blue (68%)

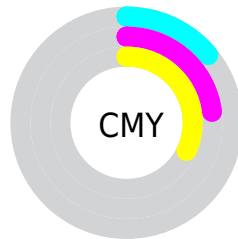


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5959, 0.3485, 0.3547 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 57.5959, 0.3485, 0.3547 by changing the saturation by 10% instead.

 57.5959, 0.3485,
0.3547

 57.5959, 0.3485,
0.3547


415.6785, 0.3312,
0.3425

 41.4839, 0.3527,
0.3576


 101.3342, 0.3423,
0.3504

 28.6974, 0.3579,
0.3611


129.7292, 0.3400,
0.3487

 18.8520, 0.3647,
0.3657


162.9873, 0.3380,
0.3473

 11.5634, 0.3739,
0.3718

201.4929, 0.3362,
0.3461

 6.4471, 0.3869,
0.3801

245.6305, 0.3347,
0.3450

 3.1188, 0.4067,
0.3923

295.7843, 0.3334,

 1.1941, 0.4628,

0.3441

0.4323

352.3389, 0.3322,
0.3432

0.0569, 0.7459,
0.2541

0.0000, 0.0000,
0.0000

57.5959, 0.3485,
0.3547

57.5959, 0.3485,
0.3547

51.9523, 0.3697,
0.3680

63.7603, 0.3298,
0.3418

46.8067, 0.3934,
0.3811

70.4518, 0.3135,
0.3296

42.1461, 0.4194,
0.3934

77.6865, 0.2993,
0.3182

37.9537, 0.4471,
0.4039

85.0438, 0.2907,
0.3143

■ 34.2115, 0.4752,
0.4112

■ 91.8625, 0.2910,
0.3258

■ 30.8998, 0.5022,
0.4141

■ 93.7956, 0.2911,
0.3289

■ 27.9967, 0.5263,
0.4118

■ 25.5930, 0.5456,
0.4050

Harmonies

Analogous

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



57.5959, 0.3502, 0.3407



57.5959, 0.3485, 0.3547



57.5959, 0.3370, 0.3624

Triad

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



57.5959, 0.3485, 0.3547



57.5959, 0.2847, 0.3329



57.5959, 0.3053, 0.2995

Complementary

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



57.5959, 0.3485, 0.3547



54.0432, 0.2804, 0.3019

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.



57.5959, 0.2883, 0.2969



57.5959, 0.3485, 0.3547



57.5959, 0.2767, 0.3155

Square

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



57.5959, 0.3485, 0.3547



57.5959, 0.3001, 0.3499



57.5959, 0.2780, 0.3025



57.5959, 0.3248, 0.3094

Rectangle

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



57.5959, 0.3485, 0.3547



57.5959, 0.3256, 0.3624



57.5959, 0.2780, 0.3025



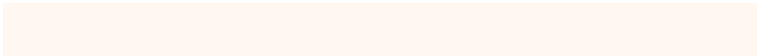
57.5959, 0.2991, 0.2978

Sweetspot

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



57.5985, 0.3485, 0.3547



94.1674, 0.3223, 0.3363



49.3825, 0.3331, 0.3021



20.0234, 0.3233, 0.3371



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.



57.5985, 0.3485, 0.3547



77.5049, 0.3581, 0.3609



68.3711, 0.3437, 0.3791



14.0978, 0.3279, 0.3405



15.3978, 0.5432, 0.4069



1.1697, 0.5177, 0.4271

Inverse Universe

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



54.0432, 0.2804, 0.3019



71.5424, 0.2728, 0.2948



44.6897, 0.2786, 0.2734



13.7116, 0.2982, 0.3173



10.1085, 0.1784, 0.1622



0.8272, 0.1865, 0.1913

Previews

White Background



This preview shows how the Yxy color 57.5959, 0.3485, 0.3547 looks on a white background.

Color Contrast Check

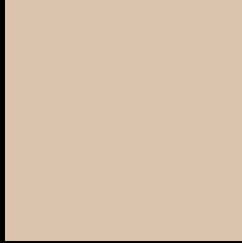
Large Text (above 18pt) WCAG AA × Fail

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 57.5959, 0.3485, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

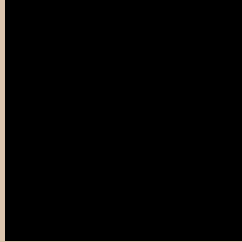
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5959, 0.3485, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 57.5959, 0.3485, 0.3547.



This preview shows how white text looks on a background with the Yxy color 57.5959, 0.3485, 0.3547.

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

57.5959, 0.3485, 0.3547

Protanopia

57.5367, 0.3380, 0.3565

Deuteranopia

57.7291, 0.3561, 0.3496



Tritanopia

57.4058, 0.3274, 0.3121

Trichromacy



Original Color

57.5959, 0.3485, 0.3547

Protanomaly

57.6294, 0.3423, 0.3563

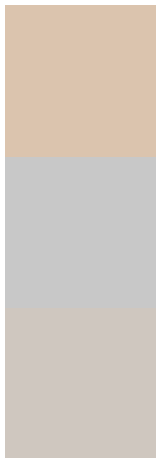
Deuteranomaly

57.6863, 0.3533, 0.3509

Tritanomaly

57.5646, 0.3357, 0.3279

Monochromacy



Original Color

57.5959, 0.3485, 0.3547

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8738, 0.3250, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5959, 0.3485, 0.3547 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(219, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 174)  
}
```

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(219, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 174) }
```

Border

The CSS property to change the border of an element to Yxy 57.5959, 0.3485, 0.3547 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(219, 196, 174) }
```

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

```
.border{ border-color:rgb(219, 196, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 196, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5959, 0.3485, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 174) }
```

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

```
.background{ background-color: rgb(219,  
196, 174) }
```

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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