

Converting Colors

Yxy(57.4804, 0.3415, 0.3563)

Have a look what the booklet for
Yxy(57.4804, 0.3415, 0.3563)
contains.

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Color

Yxy(57.4804, 0.3415, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	D4C6AF
RGB	212, 198, 175
RGB Percent	83%, 78%, 69%
CMY	0.1685, 0.2236, 0.3137
CMYK	0.00, 0.07, 0.17, 0.17
HSL	37°, 30%, 76%
HSV	37°, 17%, 83%
XYZ	55.0928, 57.4804, 48.7527
YIQ	199.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

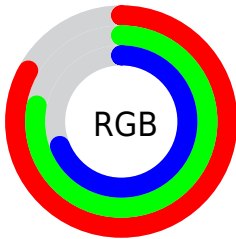
Format	Color
R _Y B	198, 212, 175
Decimal	13944495
CIE Lab	80.45, 1.16, 13.29
CIE LCh	80, 13.336, 85.001
Yxy	57.4804, 0.3415, 0.3563
Android (android.graphics.Color)	4292134575 (0xFFD4C6AF)
YUV	199.5640, -12.1101, 10.9064
Hunter-Lab	75.8158, -2.9678, 14.9452

Details

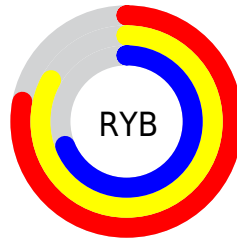
The Yxy color **57.4804, 0.3415, 0.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2917, 0.2851, 0.3001**, and the grayscale version is **57.5500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **28.5447, 0.3484, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **53.1335, 0.3604, 0.3727**, and if you desaturate by 10%, it is **62.1587, 0.3243, 0.3404**.

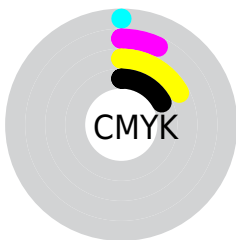
Distribution



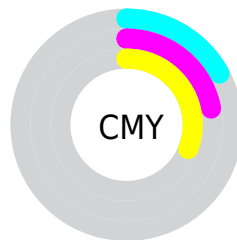
- Red (83%)
- Green (78%)
- Blue (69%)



- Red (78%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4804, 0.3415, 0.3563 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 57.4804, 0.3415, 0.3563 by changing the saturation by 10% instead.


 57.4804, 0.3415,
0.3563

 57.4804, 0.3415,
0.3563


415.2470, 0.3276,
0.3432

 41.3911, 0.3448,
0.3594


 101.1658, 0.3366,
0.3516

 28.6248, 0.3490,
0.3633

129.5307, 0.3347,
0.3499

 18.7972, 0.3544,
0.3684


162.7562, 0.3331,
0.3483

 11.5238, 0.3618,
0.3752

201.2267, 0.3317,
0.3470

 6.4203, 0.3721,
0.3848

245.3267, 0.3305,
0.3459

 3.1023, 0.3878,
0.3991

295.4404, 0.3294,

 1.1854, 0.4338,

0.3449

0.4427

351.9524, 0.3284,
0.3440

0.0497, 0.6033,
0.3967

0.0000, 0.0000,
0.0000

57.4804, 0.3415,
0.3563

57.4804, 0.3415,
0.3563

53.1335, 0.3604,
0.3727

62.1587, 0.3243,
0.3404

49.1011, 0.3811,
0.3892

67.1692, 0.3090,
0.3253

45.3762, 0.4030,
0.4049

72.5228, 0.2953,
0.3111

41.9484, 0.4256,
0.4189

77.9126, 0.2860,
0.3029

■ 38.8066, 0.4481,
0.4301

■ 82.4987, 0.2864,
0.3115

■ 35.9385, 0.4692,
0.4374

■ 87.2944, 0.2868,
0.3199

■ 33.3300, 0.4878,
0.4397

■ 92.3020, 0.2871,
0.3282

■ 30.9632, 0.5032,
0.4368

■ 92.7433, 0.2872,
0.3289

■ 30.3949, 0.5069,
0.4357

Harmonies

Analogous

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



57.4804, 0.3471, 0.3458



57.4804, 0.3415, 0.3563



57.4804, 0.3281, 0.3596

Triad

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



57.4804, 0.3415, 0.3563



57.4804, 0.2831, 0.3254



57.4804, 0.3139, 0.3055

Complementary

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



57.4804, 0.3415, 0.3563



50.2917, 0.2851, 0.3001

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.



57.4804, 0.2969, 0.3000



57.4804, 0.3415, 0.3563



57.4804, 0.2795, 0.3109

Square

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



57.4804, 0.3415, 0.3563



57.4804, 0.2944, 0.3415



57.4804, 0.2844, 0.3018



57.4804, 0.3309, 0.3168

Rectangle

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



57.4804, 0.3415, 0.3563



57.4804, 0.3167, 0.3570



57.4804, 0.2844, 0.3018



57.4804, 0.3079, 0.3029

Sweetspot

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



57.4830, 0.3415, 0.3563



96.1581, 0.3205, 0.3366



48.3500, 0.3337, 0.3121



20.4685, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



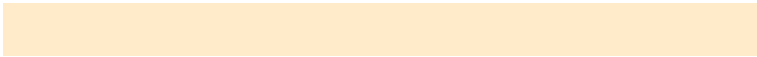
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4830, 0.3415, 0.3563



84.7332, 0.3484, 0.3624



63.5729, 0.3354, 0.3726



13.6915, 0.3276, 0.3434



18.9548, 0.5053, 0.4370



1.3006, 0.4866, 0.4518

Inverse Universe

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



50.2917, 0.2851, 0.3001



71.8191, 0.2788, 0.2931



45.0423, 0.2877, 0.2824



12.7732, 0.2982, 0.3141



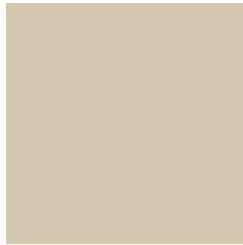
6.6948, 0.1671, 0.1213



0.5610, 0.1768, 0.1563

Previews

White Background



This preview shows how the Yxy color 57.4804, 0.3415, 0.3563 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 57.4804, 0.3415, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

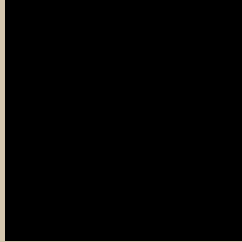
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4804, 0.3415, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 57.4804, 0.3415, 0.3563.



This preview shows how white text looks on a background with the Yxy color 57.4804, 0.3415, 0.3563.

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

57.4804, 0.3415, 0.3563

Protanopia

57.5367, 0.3380, 0.3565

Deuteranopia

57.1648, 0.3547, 0.3474



Tritanopia

57.2929, 0.3199, 0.3119

Trichromacy



Original Color

57.4804, 0.3415, 0.3563

Protanomaly

57.6831, 0.3388, 0.3564

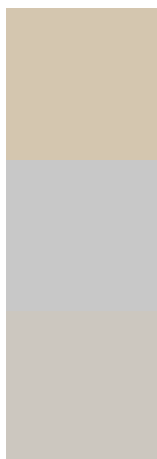
Deuteranomaly

57.2478, 0.3499, 0.3499

Tritanomaly

57.4628, 0.3281, 0.3279

Monochromacy



Original Color

57.4804, 0.3415, 0.3563

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4458, 0.3226, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4804, 0.3415, 0.3563 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(212, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 175)  
}
```

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(212, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 175) }
```

Border

The CSS property to change the border of an element to Yxy 57.4804, 0.3415, 0.3563 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(212, 198, 175) }
```

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

```
.border{ border-color:rgb(212, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4804, 0.3415, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 175) }
```

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

```
.background{ background-color: rgb(212,  
198, 175) }
```

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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