

Converting Colors

$Yxy(57.6216, 0.3573, 0.3791)$

Have a look what the booklet for
Yxy(57.6216, 0.3573, 0.3791)
contains.

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Color

Yxy(57.5773, 0.3569, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	D6C79D
RGB	214, 199, 157
RGB Percent	84%, 78%, 62%
CMY	0.1609, 0.2195, 0.3844
CMYK	0.00, 0.07, 0.27, 0.16
HSL	44°, 41%, 73%
HSV	44°, 27%, 84%
XYZ	54.2342, 57.5773, 40.1476
YIQ	198.6970, 22.4220, -9.8820

Conversions

Conversions Part 2

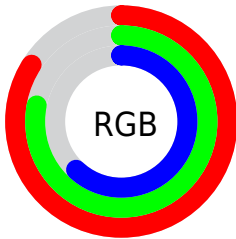
Format	Color
R _{YB}	177, 214, 157
Decimal	14075805
CIE Lab	80.50, -1.25, 22.97
CIE LCh	81, 23.003, 93.111
Yxy	57.5773, 0.3569, 0.3789
Android (android.graphics.Color)	4292265885 (0xFFD6C79D)
YUV	198.6970, -20.5566, 13.4207
Hunter-Lab	75.8797, -5.2085, 21.7457

Details

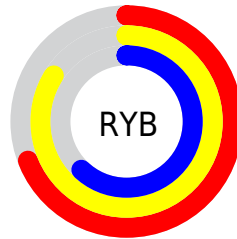
The Yxy color **57.5773, 0.3569, 0.3789** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5059, 0.2687, 0.2735**, and the grayscale version is **57.0352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **28.6416, 0.3691, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **54.3743, 0.3755, 0.3980**, and if you desaturate by 10%, it is **61.0089, 0.3392, 0.3597**.

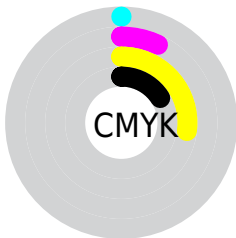
Distribution



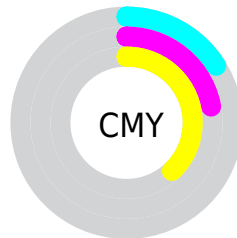
- Red (84%)
- Green (78%)
- Blue (62%)



- Red (69%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (16%)




- Cyan (16%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5773, 0.3569, 0.3789 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 57.5773, 0.3569, 0.3789 by changing the saturation by 10% instead.


 57.5773, 0.3569,
0.3789


 57.5773, 0.3569,
0.3789


415.6090, 0.3357,
0.3549

 41.4689, 0.3619,
0.3846


 101.3071, 0.3494,
0.3704

 28.6857, 0.3681,
0.3917


 129.6972, 0.3466,
0.3671

 18.8432, 0.3760,
0.4008


162.9501, 0.3441,
0.3644

 11.5570, 0.3864,
0.4129

201.4501, 0.3420,
0.3619

 6.4428, 0.4006,
0.4295

245.5816, 0.3401,
0.3598

 3.1162, 0.4207,
0.4533

295.7290, 0.3385,

 1.1927, 0.4791,

0.3580

0.5209

352.2766, 0.3370,
0.3564

■ 0.0557, 0.2874,
0.7126

■ 0.0000, 0.0000,
0.0000

■ 57.5773, 0.3569,
0.3789

■ 57.5773, 0.3569,
0.3789

■ 54.3743, 0.3755,
0.3980

■ 61.0089, 0.3392,
0.3597

■ 51.3845, 0.3947,
0.4163

■ 64.6685, 0.3228,
0.3410

■ 48.6021, 0.4137,
0.4328

■ 68.5654, 0.3078,
0.3231

■ 46.0179, 0.4317,
0.4464

■ 72.7061, 0.2942,
0.3063

43.6219, 0.4480,
0.4561

76.5051, 0.2870,
0.2997

41.4023, 0.4616,
0.4611

79.6299, 0.2873,
0.3057

39.3444, 0.4722,
0.4612

82.8559, 0.2875,
0.3116

38.6792, 0.4754,
0.4607

86.1840, 0.2878,
0.3175

89.6152, 0.2880,
0.3234

Harmonies

Analogous

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



57.5773, 0.3712, 0.3627



57.5773, 0.3569, 0.3789



57.5773, 0.3309, 0.3817

Triad

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



57.5773, 0.3569, 0.3789



57.5773, 0.2593, 0.3146



57.5773, 0.3226, 0.2937

Complementary

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



57.5773, 0.3569, 0.3789



41.5059, 0.2687, 0.2735

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.



57.5773, 0.2926, 0.2815



57.5773, 0.3569, 0.3789



57.5773, 0.2573, 0.2920

Square

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



57.5773, 0.3569, 0.3789



57.5773, 0.2750, 0.3430



57.5773, 0.2691, 0.2806



57.5773, 0.3510, 0.3143

Rectangle

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



57.5773, 0.3569, 0.3789



57.5773, 0.3109, 0.3746



57.5773, 0.2691, 0.2806



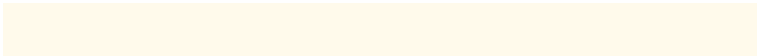
57.5773, 0.3123, 0.2886

Sweetspot

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



57.5799, 0.3569, 0.3789



95.3858, 0.3251, 0.3436



41.3881, 0.3545, 0.3106



20.2363, 0.3276, 0.3464



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.



57.5799, 0.3569, 0.3789



82.8990, 0.3674, 0.3898



62.8868, 0.3422, 0.3975



13.9426, 0.3273, 0.3461



23.5629, 0.4744, 0.4615



1.5526, 0.4628, 0.4707

Inverse Universe

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



41.5059, 0.2687, 0.2735



55.0998, 0.2583, 0.2595



37.5418, 0.2776, 0.2553



12.5335, 0.2982, 0.3113



4.7999, 0.1590, 0.0923



0.4252, 0.1685, 0.1264

Previews

White Background



This preview shows how the Yxy color 57.5773, 0.3569, 0.3789 looks on a white background.

Color Contrast Check

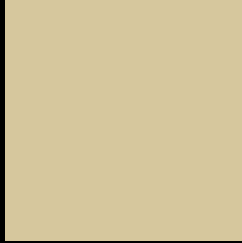
Large Text (above 18pt) WCAG AA × Fail

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 57.5773, 0.3569, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

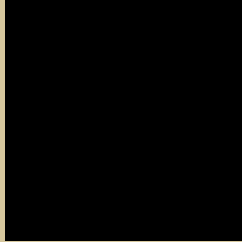
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

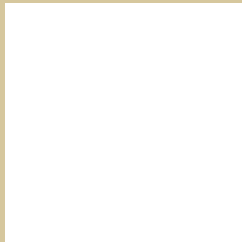
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5773, 0.3569, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 57.5773, 0.3569, 0.3789.

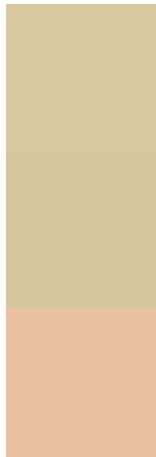


This preview shows how white text looks on a background with the Yxy color 57.5773, 0.3569, 0.3789.

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

57.5773, 0.3569, 0.3789

Protanopia

57.4273, 0.3561, 0.3790

Deuteranopia

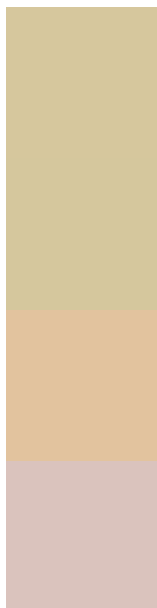
57.4915, 0.3747, 0.3674



Tritanopia

57.4199, 0.3240, 0.3120

Trichromacy



Original Color

57.5773, 0.3569, 0.3789

Protanomaly

57.4273, 0.3561, 0.3790

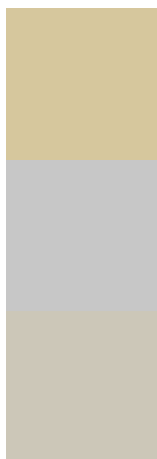
Deuteranomaly

57.6676, 0.3676, 0.3716

Tritanomaly

57.6098, 0.3360, 0.3360

Monochromacy



Original Color

57.5773, 0.3569, 0.3789

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1449, 0.3278, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5773, 0.3569, 0.3789 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.5773, 0.3569, 0.3789 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, 157) }
```

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

```
.border{ border-color:rgb(214, 199, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5773, 0.3569, 0.3789 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, 157) }
```

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

```
.background{ background-color: rgb(214,  
199, 157) }
```

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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