

Converting Colors

Yxy(57.9588, 0.3433, 0.3703)

Have a look what the booklet for
Yxy(57.9588, 0.3433, 0.3703)
contains.

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Color

Yxy(57.8287, 0.3428, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	CFC9A7
RGB	207, 201, 167
RGB Percent	81%, 79%, 65%
CMY	0.1883, 0.2117, 0.3449
CMYK	0.00, 0.03, 0.19, 0.19
HSL	51°, 29%, 73%
HSV	51°, 19%, 81%
XYZ	53.5920, 57.8287, 44.9153
YIQ	198.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

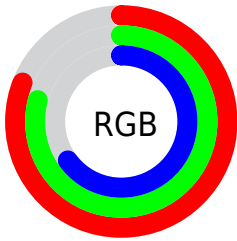
Format	Color
RYB	174, 207, 167
Decimal	13617575
CIELab	80.64, -3.50, 17.74
CIELCh	81, 18.086, 101.147
Yxy	57.8287, 0.3428, 0.3699
Android (android.graphics.Color)	4291807655 (0xFFCFC9A7)
YUV	198.9180, -15.7356, 7.0879
Hunter-Lab	76.0452, -7.2832, 18.2126

Details

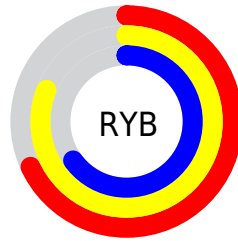
The Yxy color **57.8287, 0.3428, 0.3699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6144, 0.2814, 0.2845**, and the grayscale version is **57.1532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **28.7806, 0.3501, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **55.6979, 0.3595, 0.3917**, and if you desaturate by 10%, it is **60.1163, 0.3268, 0.3484**.

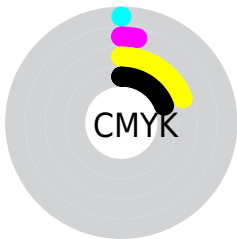
Distribution



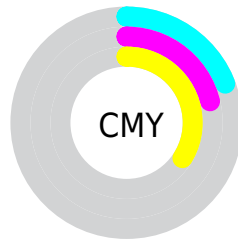
- Red (81%)
- Green (79%)
- Blue (65%)



- Red (68%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8287, 0.3428, 0.3699 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 57.8287, 0.3428, 0.3699 by changing the saturation by 10% instead.

 57.8287, 0.3428,
0.3699


 57.8287, 0.3428,
0.3699


416.5473, 0.3284,
0.3501

 41.6709, 0.3462,
0.3747


 101.6734, 0.3377,
0.3628

 28.8437, 0.3504,
0.3807


 130.1291, 0.3358,
0.3601

 18.9626, 0.3559,
0.3884


163.4529, 0.3341,
0.3578

 11.6433, 0.3631,
0.3989

202.0292, 0.3327,
0.3559

 6.5013, 0.3731,
0.4137

246.2424, 0.3314,
0.3541

 3.1522, 0.3875,
0.4360

296.4769, 0.3303,

 1.2117, 0.4556,

0.3526

0.5260

353.1171, 0.3293,
0.3513

0.0712, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.8287, 0.3428,
0.3699

57.8287, 0.3428,
0.3699

55.6979, 0.3595,
0.3917

60.1163, 0.3268,
0.3484

53.7101, 0.3763,
0.4130

62.5584, 0.3117,
0.3276

51.8614, 0.3928,
0.4329

65.1630, 0.2977,
0.3079

50.1448, 0.4083,
0.4504

67.9350, 0.2848,
0.2895

■ 48.5525, 0.4221,
0.4647

■ 69.8383, 0.2820,
0.2877

■ 47.0756, 0.4335,
0.4748

■ 71.4429, 0.2822,
0.2911

■ 45.7036, 0.4421,
0.4804

■ 73.0776, 0.2824,
0.2945

■ 44.4189, 0.4482,
0.4819

■ 74.7425, 0.2826,
0.2978

■ 44.3302, 0.4486,
0.4820

■ 76.4377, 0.2827,
0.3012

Harmonies

Analogous

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



57.8287, 0.3568, 0.3600



57.8287, 0.3428, 0.3699



57.8287, 0.3210, 0.3684

Triad

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



57.8287, 0.3428, 0.3699



57.8287, 0.2689, 0.3126



57.8287, 0.3270, 0.3049

Complementary

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



57.8287, 0.3428, 0.3699



42.6144, 0.2814, 0.2845

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.



57.8287, 0.3031, 0.2930



57.8287, 0.3428, 0.3699



57.8287, 0.2703, 0.2966

Square

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



57.8287, 0.3428, 0.3699



57.8287, 0.2787, 0.3341



57.8287, 0.2825, 0.2899



57.8287, 0.3476, 0.3227

Rectangle

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



57.8287, 0.3428, 0.3699



57.8287, 0.3052, 0.3607



57.8287, 0.2825, 0.2899



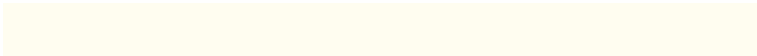
57.8287, 0.3190, 0.3001

Sweetspot

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



57.8313, 0.3428, 0.3699



97.6031, 0.3218, 0.3416



43.9327, 0.3448, 0.3217



20.8365, 0.3228, 0.3429



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.



57.8313, 0.3428, 0.3699



91.3157, 0.3494, 0.3786



58.7439, 0.3303, 0.3784



13.4839, 0.3270, 0.3486



28.0468, 0.4481, 0.4824



1.6519, 0.4420, 0.4872

Inverse Universe

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



42.6144, 0.2814, 0.2845



62.7207, 0.2742, 0.2740



41.9821, 0.2925, 0.2782



11.6988, 0.2982, 0.3086



3.5402, 0.1536, 0.0730



0.2911, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 57.8287, 0.3428, 0.3699 looks on a white background.

Color Contrast Check

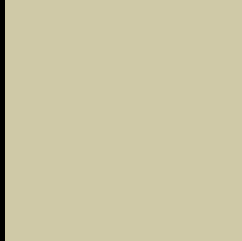
Large Text (above 18pt) WCAG AA × Fail

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 57.8287, 0.3428, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

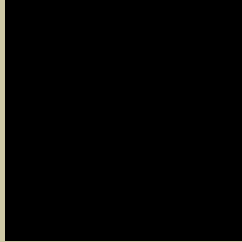
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

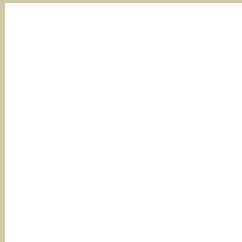
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8287, 0.3428, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 57.8287, 0.3428, 0.3699.



This preview shows how white text looks on a background with the Yxy color 57.8287, 0.3428, 0.3699.

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

57.8287, 0.3428, 0.3699

Protanopia

57.9106, 0.3472, 0.3696

Deuteranopia

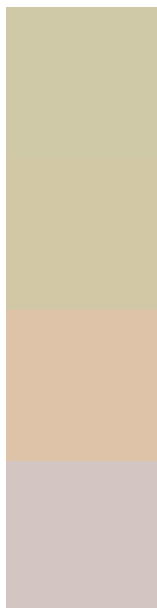
57.3868, 0.3630, 0.3552



Tritanopia

57.8295, 0.3159, 0.3118

Trichromacy



Original Color

57.8287, 0.3428, 0.3699

Protanomaly

57.7634, 0.3463, 0.3697

Deuteranomaly

57.3870, 0.3561, 0.3604

Tritanomaly

57.6764, 0.3262, 0.3326

Monochromacy



Original Color

57.8287, 0.3428, 0.3699

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4530, 0.3238, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8287, 0.3428, 0.3699 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(207, 201, 167)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 167)  
}
```

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(207, 201, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 167) }
```

Border

The CSS property to change the border of an element to Yxy 57.8287, 0.3428, 0.3699 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(207, 201, 167) }
```

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

```
.border{ border-color:rgb(207, 201, 167) }
```

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

Here you see how a box with a 4 pixel rgb(207, 201, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 167);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8287, 0.3428, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 167) }
```

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

```
.background{ background-color: rgb(207,  
201, 167) }
```

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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