

Converting Colors

Yxy(57.9430, 0.3387, 0.3690)

Have a look what the booklet for
Yxy(57.9430, 0.3387, 0.3690)
contains.

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Color

Yxy(57.9430, 0.3387, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	CCCAA9
RGB	204, 202, 169
RGB Percent	80%, 79%, 66%
CMY	0.1999, 0.2078, 0.3374
CMYK	0.00, 0.01, 0.17, 0.20
HSL	57°, 26%, 73%
HSV	57°, 17%, 80%
XYZ	53.1851, 57.9430, 45.8990
YIQ	198.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

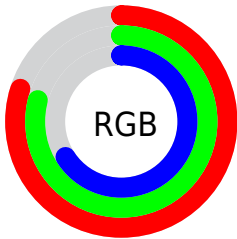
Format	Color
RYB	171, 204, 169
Decimal	13421225
CIELab	80.71, -4.82, 16.78
CIELCh	81, 17.454, 106.027
Yxy	57.9430, 0.3387, 0.3690
Android (android.graphics.Color)	4291611305 (0xFFCCCAA9)
YUV	198.8360, -14.7091, 4.5288
Hunter-Lab	76.1203, -8.4930, 17.5335

Details

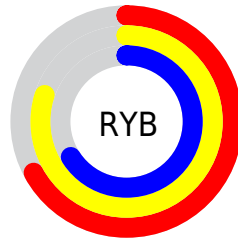
The Yxy color **57.9430, 0.3387, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9113, 0.2849, 0.2856**, and the grayscale version is **57.0955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **28.9482, 0.3455, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **56.6891, 0.3544, 0.3928**, and if you desaturate by 10%, it is **59.3258, 0.3234, 0.3455**.

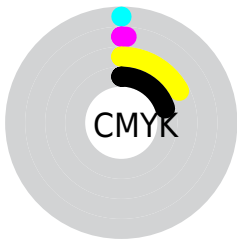
Distribution



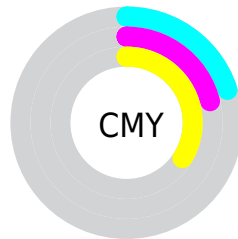
- Red (80%)
- Green (79%)
- Blue (66%)



- Red (67%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (20%)




- Cyan (20%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9430, 0.3387, 0.3690 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 57.9430, 0.3387, 0.3690 by changing the saturation by 10% instead.


 57.9430, 0.3387,
0.3690

 57.9430, 0.3387,
0.3690


416.9735, 0.3263,
0.3496

 41.7628, 0.3416,
0.3737


 101.8399, 0.3343,
0.3621

 28.9156, 0.3453,
0.3796

130.3253, 0.3327,
0.3594

 19.0170, 0.3499,
0.3873


163.6813, 0.3312,
0.3572

 11.6826, 0.3561,
0.3977

202.2923, 0.3300,
0.3552

 6.5279, 0.3646,
0.4125

246.5426, 0.3289,
0.3535

 3.1687, 0.3769,
0.4351

296.8166, 0.3279,

 1.2204, 0.4326,

0.3520

0.5174

353.4988, 0.3271,
0.3507

0.0783, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9430, 0.3387,
0.3690

57.9430, 0.3387,
0.3690

56.6891, 0.3544,
0.3928

59.3258, 0.3234,
0.3455

55.5509, 0.3698,
0.4160

60.8349, 0.3087,
0.3227

54.5249, 0.3846,
0.4378

62.4778, 0.2948,
0.3011

53.6047, 0.3981,
0.4571

64.2592, 0.2820,
0.2810

■ 52.7829, 0.4096,
0.4732

■ 65.1113, 0.2795,
0.2779

■ 52.0515, 0.4186,
0.4851

■ 65.6858, 0.2795,
0.2792

■ 51.4010, 0.4251,
0.4928

■ 66.2645, 0.2796,
0.2805

■ 50.8183, 0.4289,
0.4963

■ 66.8475, 0.2797,
0.2818

■ 50.6599, 0.4298,
0.4969

■ 67.4348, 0.2798,
0.2831

Harmonies

Analogous

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



57.9430, 0.3537, 0.3611



57.9430, 0.3387, 0.3690



57.9430, 0.3170, 0.3656

Triad

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



57.9430, 0.3387, 0.3690



57.9430, 0.2698, 0.3102



57.9430, 0.3301, 0.3082

Complementary

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



57.9430, 0.3387, 0.3690



41.9113, 0.2849, 0.2856

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.



57.9430, 0.3071, 0.2956



57.9430, 0.3387, 0.3690



57.9430, 0.2730, 0.2961

Square

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



57.9430, 0.3387, 0.3690



57.9430, 0.2777, 0.3304



57.9430, 0.2864, 0.2911



57.9430, 0.3488, 0.3260

Rectangle

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



57.9430, 0.3387, 0.3690



57.9430, 0.3018, 0.3570



57.9430, 0.2864, 0.2911



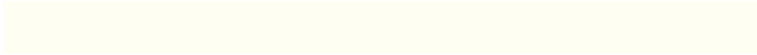
57.9430, 0.3226, 0.3033

Sweetspot

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



57.9456, 0.3387, 0.3690



98.7384, 0.3202, 0.3406



44.1550, 0.3433, 0.3262



21.0971, 0.3212, 0.3422



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.



57.9456, 0.3387, 0.3690



95.0668, 0.3451, 0.3787



56.8558, 0.3261, 0.3730



12.9817, 0.3267, 0.3506



31.9264, 0.4296, 0.4971



1.6815, 0.4274, 0.4988

Inverse Universe

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



41.9113, 0.2849, 0.2856



63.1396, 0.2775, 0.2739



42.9331, 0.2975, 0.2845



10.9459, 0.2982, 0.3064



2.9512, 0.1511, 0.0641



0.1894, 0.1549, 0.0776

Previews

White Background



This preview shows how the Yxy color 57.9430, 0.3387, 0.3690 looks on a white background.

Color Contrast Check

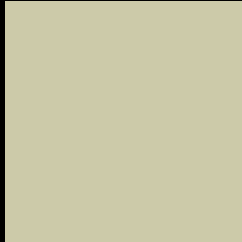
Large Text (above 18pt) WCAG AA × Fail

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 57.9430, 0.3387, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

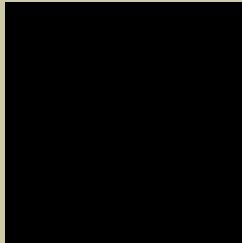
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

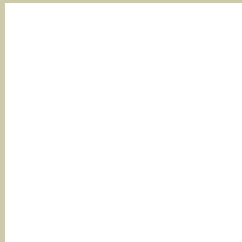
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9430, 0.3387, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 57.9430, 0.3387, 0.3690.



This preview shows how white text looks on a background with the Yxy color 57.9430, 0.3387, 0.3690.

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

57.9430, 0.3387, 0.3690

Protanopia

57.9846, 0.3456, 0.3671

Deuteranopia

57.9032, 0.3611, 0.3540



Tritanopia

57.8846, 0.3127, 0.3117

Trichromacy



Original Color

57.9430, 0.3387, 0.3690

Protanomaly

58.0103, 0.3429, 0.3686

Deuteranomaly

57.7543, 0.3534, 0.3593

Tritanomaly

57.7836, 0.3221, 0.3314

Monochromacy



Original Color

57.9430, 0.3387, 0.3690

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3569, 0.3223, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9430, 0.3387, 0.3690 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(204, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 169)  
}
```

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(204, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 169) }
```

Border

The CSS property to change the border of an element to Yxy 57.9430, 0.3387, 0.3690 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(204, 202, 169) }
```

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

```
.border{ border-color:rgb(204, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9430, 0.3387, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 169) }
```

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

```
.background{ background-color: rgb(204,  
202, 169) }
```

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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