

Converting Colors

$Yxy(57.2095, 0.3429, 0.3812)$

Have a look what the booklet for
Yxy(57.2095, 0.3429, 0.3812)
contains.

Yxy(57.1966, 0.3429, 0.3805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.1966, 0.3429, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	C9CAA0
RGB	201, 202, 160
RGB Percent	79%, 79%, 63%
CMY	0.2119, 0.2078, 0.3726
CMYK	0.01, 0.00, 0.21, 0.21
HSL	62°, 28%, 71%
HSV	62°, 21%, 79%
XYZ	51.5446, 57.1966, 41.5784
YIQ	196.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

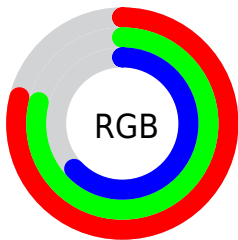
Format	Color
RYB	160, 202, 161
Decimal	13224608
CIELab	80.29, -7.30, 20.92
CIELCh	80, 22.156, 109.243
Yxy	57.1966, 0.3429, 0.3805
Android (android.graphics.Color)	4291414688 (0xFFC9CAA0)
YUV	196.9130, -18.1981, 3.5843
Hunter-Lab	75.6284, -10.6930, 20.3439

Details

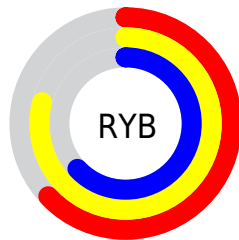
The Yxy color $57.1966, 0.3429, 0.3805$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.9879, 0.2791, 0.2721$, and the grayscale version is $55.8835, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6863, 0.3364, 0.3681$, and $28.4656, 0.3511, 0.3946$ is the 20% darker color. If you saturate the color by 10%, you get $56.4783, 0.3575, 0.4055$, and if you desaturate by 10%, it is $58.0351, 0.3282, 0.3554$.

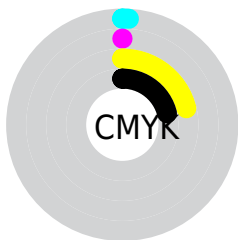
Distribution



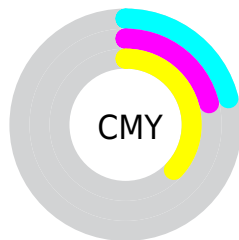
- Red (79%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)




- Cyan (21%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1966, 0.3429, 0.3805 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 57.1966, 0.3429, 0.3805 by changing the saturation by 10% instead.

 57.1966, 0.3429,
0.3805

 57.1966, 0.3429,
0.3805


414.1856, 0.3286,
0.3553

 41.1631, 0.3462,
0.3866

 100.7520, 0.3379,
0.3715

 28.4466, 0.3504,
0.3943


 129.0427, 0.3359,
0.3681

 18.6626, 0.3556,
0.4043


162.1879, 0.3343,
0.3651

 11.4267, 0.3624,
0.4179

200.5720, 0.3328,
0.3626

 6.3546, 0.3716,
0.4372

244.5795, 0.3316,
0.3604

 3.0619, 0.3840,
0.4663

294.5946, 0.3305,

 1.1641, 0.4377,

0.3585

0.5623

351.0018, 0.3295,
0.3568

0.0321, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1966, 0.3429,
0.3805

57.1966, 0.3429,
0.3805

56.4783, 0.3575,
0.4055

58.0351, 0.3282,
0.3554

55.8670, 0.3714,
0.4296

58.9914, 0.3138,
0.3309

55.3593, 0.3841,
0.4518

60.0728, 0.3001,
0.3076

54.9486, 0.3950,
0.4711

61.2839, 0.2871,
0.2857

■ 54.6276, 0.4037,
0.4867

■ 62.2363, 0.2787,
0.2713

■ 54.3878, 0.4099,
0.4981

■ 62.3081, 0.2790,
0.2713

■ 54.2194, 0.4135,
0.5052

■ 62.3800, 0.2794,
0.2714

■ 54.1106, 0.4149,
0.5087

■ 62.4522, 0.2797,
0.2714

■ 62.5246, 0.2801,
0.2715

Harmonies

Analogous

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



57.1966, 0.3635, 0.3713



57.1966, 0.3429, 0.3805



57.1966, 0.3147, 0.3748

Triad

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



57.1966, 0.3429, 0.3805



57.1966, 0.2583, 0.3023



57.1966, 0.3378, 0.3049

Complementary

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



57.1966, 0.3429, 0.3805



36.9879, 0.2791, 0.2721

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.



57.1966, 0.3085, 0.2882



57.1966, 0.3429, 0.3805



57.1966, 0.2637, 0.2859

Square

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



57.1966, 0.3429, 0.3805



57.1966, 0.2666, 0.3276



57.1966, 0.2816, 0.2812



57.1966, 0.3608, 0.3276

Rectangle

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



57.1966, 0.3429, 0.3805



57.1966, 0.2957, 0.3628



57.1966, 0.2816, 0.2812



57.1966, 0.3283, 0.2984

Sweetspot

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



57.1991, 0.3429, 0.3805



98.9805, 0.3214, 0.3437



40.4806, 0.3538, 0.3300



21.1631, 0.3223, 0.3454



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.



57.1991, 0.3429, 0.3805



96.2496, 0.3496, 0.3919



54.5273, 0.3260, 0.3834



13.0818, 0.3262, 0.3519



34.8190, 0.4150, 0.5087



1.8009, 0.4159, 0.5080

Inverse Universe

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



36.9879, 0.2791, 0.2721



55.9090, 0.2706, 0.2578



39.3148, 0.2969, 0.2749



10.8572, 0.2986, 0.3051



2.7709, 0.1509, 0.0605



0.1478, 0.1539, 0.0621

Previews

White Background



This preview shows how the Yxy color 57.1966, 0.3429, 0.3805 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 57.1966, 0.3429, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

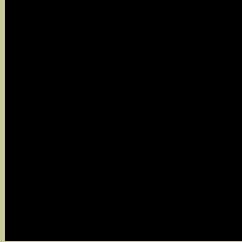
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

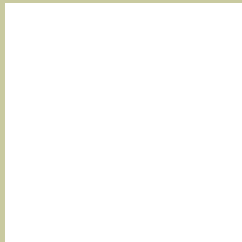
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1966, 0.3429, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 57.1966, 0.3429, 0.3805.



This preview shows how white text looks on a background with the Yxy color 57.1966, 0.3429, 0.3805.

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

57.1966, 0.3429, 0.3805

Protanopia

57.3125, 0.3544, 0.3780

Deuteranopia

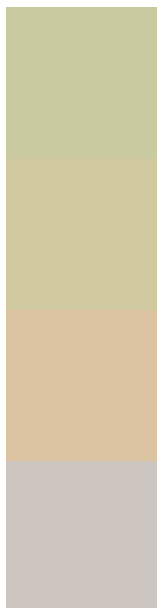
56.8592, 0.3700, 0.3620



Tritanopia

57.1433, 0.3112, 0.3104

Trichromacy



Original Color

57.1966, 0.3429, 0.3805

Protanomaly

57.2217, 0.3500, 0.3784

Deuteranomaly

56.8191, 0.3600, 0.3688

Tritanomaly

57.1731, 0.3227, 0.3362

Monochromacy



Original Color

57.1966, 0.3429, 0.3805

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3133, 0.3230, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1966, 0.3429, 0.3805 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(201, 202, 160)` looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 160)  
}
```

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(201, 202, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.1966, 0.3429, 0.3805 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(201, 202, 160) }
```

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

```
.border{ border-color:rgb(201, 202, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 160);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1966, 0.3429, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 160) }
```

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

```
.background{ background-color: rgb(201,  
202, 160) }
```

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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