

Converting Colors

Yxy(57.0246, 0.3695, 0.4282)

Have a look what the booklet for
Yxy(57.0246, 0.3695, 0.4282)
contains.

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Color

Yxy(57.0084, 0.3698, 0.4286)

Conversions

Conversions Part 1

Format	Color
Hex	C9CC7A
RGB	201, 204, 122
RGB Percent	79%, 80%, 48%
CMY	0.2119, 0.1999, 0.5217
CMYK	0.01, 0.00, 0.40, 0.20
HSL	62°, 45%, 64%
HSV	62°, 40%, 80%
XYZ	49.1874, 57.0084, 26.8150
YIQ	193.7550, 24.5340, -26.1380

Conversions

Conversions Part 2

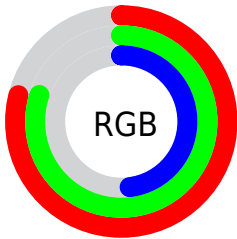
Format	Color
RYB	122, 204, 125
Decimal	13225082
CIELab	80.18, -13.16, 40.47
CIElCh	80, 42.558, 108.011
Yxy	57.0084, 0.3698, 0.4286
Android (android.graphics.Color)	4291415162 (0xFFC9CC7A)
YUV	193.7550, -35.3752, 6.3539
Hunter-Lab	75.5039, -15.8472, 31.7961

Details

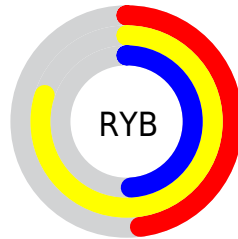
The Yxy color **57.0084, 0.3698, 0.4286** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.6342, 0.2413, 0.2075**, and the grayscale version is **53.9968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **28.3786, 0.3826, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **56.4530, 0.3824, 0.4511**, and if you desaturate by 10%, it is **57.6757, 0.3560, 0.4043**.

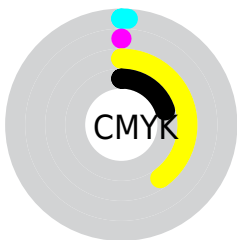
Distribution



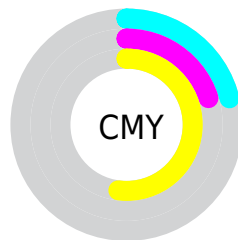
- Red (79%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)




- Cyan (21%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0084, 0.3698, 0.4286 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 57.0084, 0.3698, 0.4286 by changing the saturation by 10% instead.


 57.0084, 0.3698,
0.4286

 57.0084, 0.3698,
0.4286

413.4808, 0.3437,
0.3801

 41.0120, 0.3754,
0.4401

 100.4774, 0.3610,
0.4114

 28.3284, 0.3819,
0.4543


 128.7189, 0.3575,
0.4048

 18.5734, 0.3896,
0.4722


 161.8107, 0.3544,
0.3992

 11.3624, 0.3982,
0.4954

200.1375, 0.3518,
0.3943

 6.3112, 0.4070,
0.5257

244.0834, 0.3494,
0.3900

 3.0352, 0.4218,
0.5782

294.0331, 0.3473,

 1.1501, 0.3948,

0.3863

0.6052

350.3707, 0.3454,
0.3830

0.0204, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0084, 0.3698,
0.4286

57.0084, 0.3698,
0.4286

56.4530, 0.3824,
0.4511

57.6757, 0.3560,
0.4043

55.9949, 0.3932,
0.4709


58.4531, 0.3417,
0.3791


55.6294, 0.4019,
0.4870


59.3490, 0.3272,
0.3540

55.3479, 0.4080,
0.4989


60.3686, 0.3130,
0.3295

 55.1402, 0.4115,
0.5064


 61.5168, 0.2995,
0.3062

 54.9902, 0.4129,
0.5104

 62.7984, 0.2867,
0.2844

 63.5714, 0.2807,
0.2738

 63.6798, 0.2812,
0.2739

 63.7888, 0.2817,
0.2740

Harmonies

Analogous

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



57.0084, 0.4099, 0.4049



57.0084, 0.3698, 0.4286



57.0084, 0.3164, 0.4223

Triad

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



57.0084, 0.3698, 0.4286



57.0084, 0.2129, 0.2773



57.0084, 0.3579, 0.2826

Complementary

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



57.0084, 0.3698, 0.4286



22.6342, 0.2413, 0.2075

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.



57.0084, 0.3010, 0.2540



57.0084, 0.3698, 0.4286



57.0084, 0.2215, 0.2486

Square

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



57.0084, 0.3698, 0.4286



57.0084, 0.2277, 0.3260



57.0084, 0.2521, 0.2415



57.0084, 0.4046, 0.3219

Rectangle

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



57.0084, 0.3698, 0.4286



57.0084, 0.2807, 0.3987



57.0084, 0.2521, 0.2415



57.0084, 0.3391, 0.2716

Sweetspot

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



57.0110, 0.3698, 0.4286



97.9694, 0.3300, 0.3588



28.8378, 0.4122, 0.3328



20.9261, 0.3319, 0.3621



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.



57.0110, 0.3698, 0.4286



93.6135, 0.3805, 0.4477



52.0970, 0.3357, 0.4410



13.0747, 0.3260, 0.3519



34.6158, 0.4130, 0.5103



1.7925, 0.4143, 0.5093

Inverse Universe

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



22.6342, 0.2413, 0.2075



29.2150, 0.2236, 0.1779



26.3511, 0.2786, 0.2190



10.8635, 0.2988, 0.3051



2.7836, 0.1513, 0.0607



0.1507, 0.1557, 0.0631

Previews

White Background



This preview shows how the Yxy color 57.0084, 0.3698, 0.4286 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 57.0084, 0.3698, 0.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

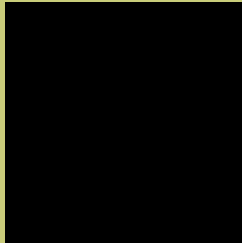
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0084, 0.3698, 0.4286

Background



This preview shows how black text looks on a background with the Yxy color 57.0084, 0.3698, 0.4286.



This preview shows how white text looks on a background with the Yxy color 57.0084, 0.3698, 0.4286.

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

57.0084, 0.3698, 0.4286

Protanopia

56.9546, 0.3873, 0.4207

Deuteranopia

56.8328, 0.4082, 0.3997



Tritanopia

57.0359, 0.3151, 0.3117

Trichromacy



Original Color

57.0084, 0.3698, 0.4286

Protanomaly

57.0026, 0.3804, 0.4235

Deuteranomaly

56.6542, 0.3942, 0.4096

Tritanomaly

56.8279, 0.3358, 0.3543

Monochromacy



Original Color

57.0084, 0.3698, 0.4286

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0856, 0.3344, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0084, 0.3698, 0.4286 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, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 122)  
}
```

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, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 122) }
```

Border

The CSS property to change the border of an element to Yxy 57.0084, 0.3698, 0.4286 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, 204, 122) }
```

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

```
.border{ border-color:rgb(201, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0084, 0.3698, 0.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 122) }
```

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

```
.background{ background-color: rgb(201,  
204, 122) }
```

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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