

Converting Colors

Yxy(57.2282, 0.3519, 0.3860)

Have a look what the booklet for
Yxy(57.2282, 0.3519, 0.3860)
contains.

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Color

Yxy(57.2282, 0.3519, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	CEC99A
RGB	206, 201, 154
RGB Percent	81%, 79%, 60%
CMY	0.1921, 0.2117, 0.3962
CMYK	0.00, 0.02, 0.25, 0.19
HSL	54°, 35%, 71%
HSV	54°, 25%, 81%
XYZ	52.1725, 57.2282, 38.8588
YIQ	197.1370, 18.0670, -13.5570

Conversions

Conversions Part 2

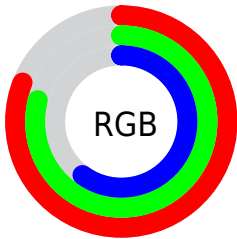
Format	Color
RYB	160, 206, 154
Decimal	13552026
CIELab	80.31, -5.73, 24.18
CIElCh	80, 24.853, 103.328
Yxy	57.2282, 0.3519, 0.3860
Android (android.graphics.Color)	4291742106 (0xFFCEC99A)
YUV	197.1370, -21.2665, 7.7729
Hunter-Lab	75.6493, -9.2814, 22.4990

Details

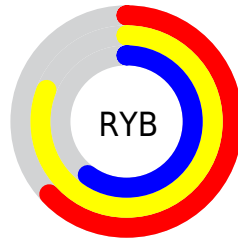
The Yxy color **57.2282, 0.3519, 0.3860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1140, 0.2702, 0.2648**, and the grayscale version is **56.0454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **28.4260, 0.3610, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **55.6851, 0.3680, 0.4087**, and if you desaturate by 10%, it is **58.9061, 0.3359, 0.3631**.

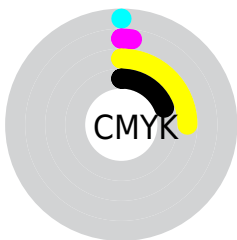
Distribution



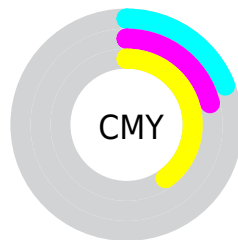
- Red (81%)
- Green (79%)
- Blue (60%)



- Red (63%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2282, 0.3519, 0.3860 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 57.2282, 0.3519, 0.3860 by changing the saturation by 10% instead.

 57.2282, 0.3519,
0.3860


 57.2282, 0.3519,
0.3860


414.3039, 0.3333,
0.3583

 41.1885, 0.3562,
0.3926


 100.7981, 0.3454,
0.3761

 28.4664, 0.3616,
0.4010


 129.0970, 0.3429,
0.3723

 18.6775, 0.3684,
0.4118


162.2512, 0.3407,
0.3691

 11.4375, 0.3772,
0.4263

200.6450, 0.3388,
0.3664

 6.3619, 0.3889,
0.4465

244.6627, 0.3372,
0.3639

 3.0664, 0.4053,
0.4769

294.6888, 0.3357,

 1.1665, 0.4486,

0.3618

0.5514

351.1078, 0.3344,
0.3599

0.0341, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2282, 0.3519,
0.3860

57.2282, 0.3519,
0.3860

55.6851, 0.3680,
0.4087

58.9061, 0.3359,
0.3631

54.2631, 0.3837,
0.4302

60.7168, 0.3205,
0.3405

52.9581, 0.3983,
0.4496

62.6680, 0.3059,
0.3189

51.7629, 0.4113,
0.4659

64.7649, 0.2923,
0.2985

■ 50.6693, 0.4220,
0.4783

■ 66.8836, 0.2810,
0.2814

■ 49.6678, 0.4301,
0.4864

■ 67.8728, 0.2811,
0.2836

■ 48.7469, 0.4354,
0.4901

■ 68.8742, 0.2812,
0.2858

■ 48.3277, 0.4374,
0.4909

■ 69.8878, 0.2814,
0.2880

■ 70.9136, 0.2815,
0.2902

Harmonies

Analogous

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



57.2282, 0.3726, 0.3725



57.2282, 0.3519, 0.3860



57.2282, 0.3213, 0.3834

Triad

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



57.2282, 0.3519, 0.3860



57.2282, 0.2527, 0.3038



57.2282, 0.3345, 0.2977

Complementary

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



57.2282, 0.3519, 0.3860



36.1140, 0.2702, 0.2648

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.



57.2282, 0.3015, 0.2811



57.2282, 0.3519, 0.3860



57.2282, 0.2556, 0.2833

Square

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



57.2282, 0.3519, 0.3860



57.2282, 0.2647, 0.3334



57.2282, 0.2730, 0.2757



57.2282, 0.3626, 0.3219

Rectangle

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



57.2282, 0.3519, 0.3860



57.2282, 0.2996, 0.3718



57.2282, 0.2730, 0.2757



57.2282, 0.3236, 0.2911

Sweetspot

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



57.2308, 0.3519, 0.3860



97.5105, 0.3248, 0.3469



38.7368, 0.3604, 0.3225



20.7746, 0.3272, 0.3503



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.



57.2308, 0.3519, 0.3860



91.4130, 0.3602, 0.3977



56.8161, 0.3336, 0.3952



12.9052, 0.3268, 0.3498



29.8355, 0.4371, 0.4911



1.5940, 0.4332, 0.4942

Inverse Universe

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



36.1140, 0.2702, 0.2648



51.7997, 0.2604, 0.2495



36.6509, 0.2874, 0.2612



11.0145, 0.2982, 0.3074



3.1125, 0.1520, 0.0672



0.2214, 0.1580, 0.0888

Previews

White Background



This preview shows how the Yxy color 57.2282, 0.3519, 0.3860 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 57.2282, 0.3519, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

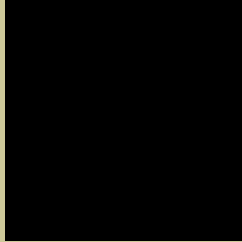
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

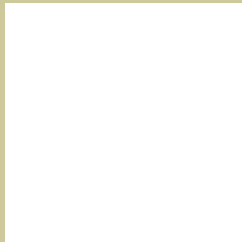
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2282, 0.3519, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 57.2282, 0.3519, 0.3860.



This preview shows how white text looks on a background with the Yxy color 57.2282, 0.3519, 0.3860.

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

57.2282, 0.3519, 0.3860

Protanopia

57.2929, 0.3592, 0.3838

Deuteranopia

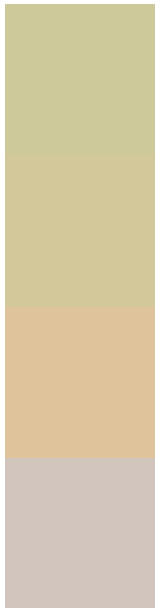
56.9855, 0.3767, 0.3686



Tritanopia

57.3332, 0.3167, 0.3118

Trichromacy



Original Color

57.2282, 0.3519, 0.3860

Protanomaly

57.3101, 0.3563, 0.3854

Deuteranomaly

57.0847, 0.3674, 0.3755

Tritanomaly

57.3083, 0.3292, 0.3385

Monochromacy



Original Color

57.2282, 0.3519, 0.3860

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0037, 0.3270, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2282, 0.3519, 0.3860 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(206, 201, 154)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 154)  
}
```

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(206, 201, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 154) }
```

Border

The CSS property to change the border of an element to Yxy 57.2282, 0.3519, 0.3860 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(206, 201, 154) }
```

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

```
.border{ border-color:rgb(206, 201, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 154);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2282, 0.3519, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 154) }
```

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

```
.background{ background-color: rgb(206,  
201, 154) }
```

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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