

Converting Colors

Yxy(59.8926, 0.3501, 0.4012)

Have a look what the booklet for
Yxy(59.8926, 0.3501, 0.4012)
contains.

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Color

Yxy(59.8382, 0.3503, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	CAD095
RGB	202, 208, 149
RGB Percent	79%, 82%, 58%
CMY	0.2079, 0.1843, 0.4156
CMYK	0.03, 0.00, 0.28, 0.18
HSL	66°, 39%, 70%
HSV	66°, 28%, 82%
XYZ	52.3379, 59.8382, 37.2327
YIQ	199.4800, 15.3630, -19.6210

Conversions

Conversions Part 2

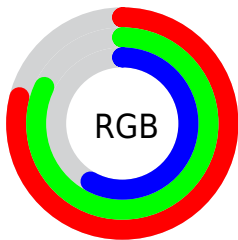
Format	Color
R_{YB}	149, 208, 155
Decimal	13291669
CIE _{Lab}	81.75, -11.51, 28.68
CIE _{LCh}	82, 30.903, 111.876
Yxy	59.8382, 0.3503, 0.4005
Android (android.graphics.Color)	4291481749 (0xFFCAD095)
YUV	199.4800, -24.8866, 2.2100
Hunter-Lab	77.3552, -14.5998, 25.6111

Details

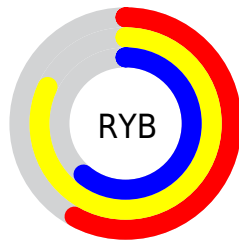
The Yxy color **59.8382, 0.3503, 0.4005** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.0271, 0.2684, 0.2486**, and the grayscale version is **57.5730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **30.1961, 0.3582, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **58.9410, 0.3631, 0.4258**, and if you desaturate by 10%, it is **60.8635, 0.3370, 0.3748**.

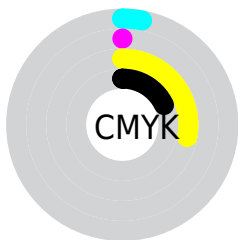
Distribution



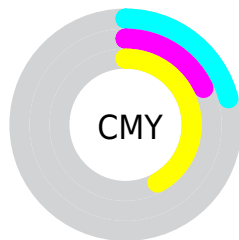
- Red (79%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8382, 0.3503, 0.4005 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 59.8382, 0.3503, 0.4005 by changing the saturation by 10% instead.


 59.8382, 0.3503,
0.4005


 59.8382, 0.3503,
0.4005


424.0011, 0.3329,
0.3657

 43.2882, 0.3542,
0.4088


 104.5949, 0.3443,
0.3881

 30.1113, 0.3589,
0.4193


 133.5705, 0.3420,
0.3833

 19.9231, 0.3647,
0.4329


167.4567, 0.3400,
0.3793

 12.3392, 0.3718,
0.4509

206.6379, 0.3382,
0.3758

 6.9751, 0.3806,
0.4760

251.4986, 0.3366,
0.3728

 3.4465, 0.3928,
0.5150

302.4231, 0.3353,

 1.3691, 0.4123,

0.3701

0.5877

359.7958, 0.3340,
0.3678

■ 0.1938, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8382, 0.3503,
0.4005

■ 59.8382, 0.3503,
0.4005

■ 58.9410, 0.3631,
0.4258

■ 60.8635, 0.3370,
0.3748

■ 58.1575, 0.3747,
0.4497

■ 62.0147, 0.3237,
0.3494

■ 57.4834, 0.3848,
0.4713

■ 63.3000, 0.3106,
0.3251

■ 56.9112, 0.3927,
0.4895

■ 64.7244, 0.2981,
0.3021

 56.4320, 0.3981,
0.5035


 66.2930, 0.2864,
0.2808

 56.0357, 0.4009,
0.5131

 66.7380, 0.2866,
0.2790

 55.7067, 0.4014,
0.5187

 67.0604, 0.2881,
0.2793

 55.6553, 0.4014,
0.5195

 67.3869, 0.2895,
0.2795

 67.7177, 0.2909,
0.2797

Harmonies

Analogous

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



59.8382, 0.3804, 0.3880



59.8382, 0.3503, 0.4005



59.8382, 0.3113, 0.3915

Triad

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



59.8382, 0.3503, 0.4005



59.8382, 0.2392, 0.2892



59.8382, 0.3503, 0.2986

Complementary

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



59.8382, 0.3503, 0.4005



33.0271, 0.2684, 0.2486

Split Complementary

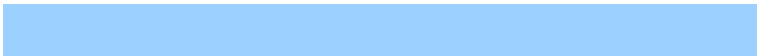
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.8382, 0.3101, 0.2757



59.8382, 0.3503, 0.4005



59.8382, 0.2478, 0.2690

Square

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



59.8382, 0.3503, 0.4005



59.8382, 0.2484, 0.3229



59.8382, 0.2730, 0.2649



59.8382, 0.3811, 0.3291

Rectangle

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



59.8382, 0.3503, 0.4005



59.8382, 0.2857, 0.3734



59.8382, 0.2730, 0.2649



59.8382, 0.3373, 0.2899

Sweetspot

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



59.8409, 0.3503, 0.4005



98.1682, 0.3246, 0.3513



38.9968, 0.3725, 0.3366



20.9522, 0.3266, 0.3550



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.



59.8409, 0.3503, 0.4005



93.9811, 0.3581, 0.4159



56.1253, 0.3267, 0.4063



13.7339, 0.3251, 0.3521



34.7099, 0.4017, 0.5193



1.9588, 0.4051, 0.5165

Inverse Universe

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



33.0271, 0.2684, 0.2486



44.6991, 0.2571, 0.2286



36.2967, 0.2942, 0.2542



11.4745, 0.2997, 0.3051



2.9589, 0.1538, 0.0621



0.1855, 0.1646, 0.0681

Previews

White Background



This preview shows how the Yxy color 59.8382, 0.3503, 0.4005 looks on a white background.

Color Contrast Check

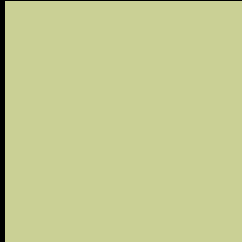
Large Text (above 18pt) WCAG AA × Fail

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 59.8382, 0.3503, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

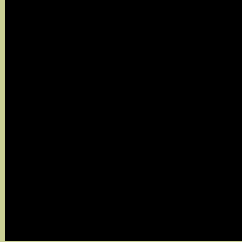
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

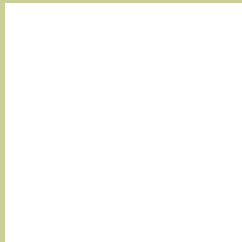
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8382, 0.3503, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 59.8382, 0.3503, 0.4005.



This preview shows how white text looks on a background with the Yxy color 59.8382, 0.3503, 0.4005.

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

59.8382, 0.3503, 0.4005

Protanopia

59.7239, 0.3667, 0.3943

Deuteranopia

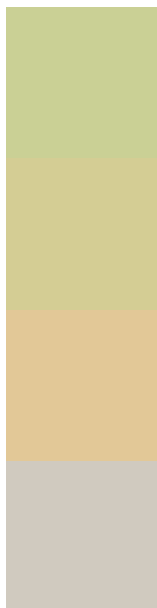
59.6479, 0.3836, 0.3765



Tritanopia

59.6020, 0.3105, 0.3107

Trichromacy



Original Color

59.8382, 0.3503, 0.4005

Protanomaly

59.7978, 0.3602, 0.3965

Deuteranomaly

59.7117, 0.3714, 0.3850

Tritanomaly

59.4125, 0.3254, 0.3420

Monochromacy



Original Color

59.8382, 0.3503, 0.4005

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8566, 0.3264, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8382, 0.3503, 0.4005 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(202, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 149)  
}
```

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(202, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 149) }
```

Border

The CSS property to change the border of an element to Yxy 59.8382, 0.3503, 0.4005 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(202, 208, 149) }
```

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

```
.border{ border-color:rgb(202, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8382, 0.3503, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 149) }
```

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

```
.background{ background-color: rgb(202,  
208, 149) }
```

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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