

Converting Colors

Yxy(59.5610, 0.3487, 0.4009)

Have a look what the booklet for
Yxy(59.5610, 0.3487, 0.4009)
contains.

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Color

Yxy(59.5610, 0.3487, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	C8D095
RGB	200, 208, 149
RGB Percent	78%, 82%, 58%
CMY	0.2156, 0.1843, 0.4157
CMYK	0.04, 0.00, 0.28, 0.18
HSL	68°, 39%, 70%
HSV	68°, 28%, 82%
XYZ	51.8057, 59.5610, 37.2015
YIQ	198.8820, 14.1710, -20.0450

Conversions

Conversions Part 2

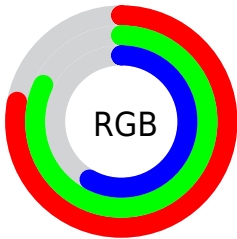
Format	Color
RYB	149, 208, 157
Decimal	13160597
CIELab	81.60, -12.26, 28.46
CIElCh	82, 30.983, 113.302
Yxy	59.5610, 0.3487, 0.4009
Android (android.graphics.Color)	4291350677 (0xFFC8D095)
YUV	198.8820, -24.5918, 0.9805
Hunter-Lab	77.1758, -15.2360, 25.4431

Details

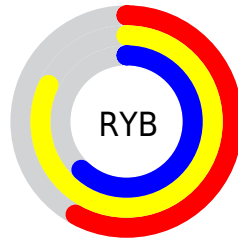
The Yxy color **59.5610, 0.3487, 0.4009** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2164, 0.2700, 0.2489**, and the grayscale version is **57.1880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **30.0128, 0.3560, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **58.5740, 0.3608, 0.4266**, and if you desaturate by 10%, it is **60.6790, 0.3360, 0.3749**.

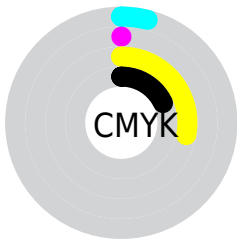
Distribution



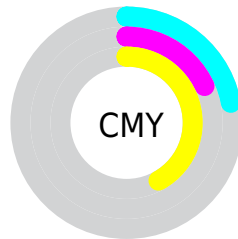
- Red (78%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5610, 0.3487, 0.4009 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 59.5610, 0.3487, 0.4009 by changing the saturation by 10% instead.


 59.5610, 0.3487,
0.4009


 59.5610, 0.3487,
0.4009

422.9777, 0.3321,
0.3658

 43.0649, 0.3524,
0.4093


 104.1926, 0.3430,
0.3884

 29.9360, 0.3569,
0.4200


 133.0968, 0.3408,
0.3836

 19.7900, 0.3624,
0.4337


166.9059, 0.3388,
0.3795

 12.2425, 0.3691,
0.4521

206.0042, 0.3371,
0.3760

 6.9091, 0.3774,
0.4776

250.7762, 0.3356,
0.3730

 3.4053, 0.3888,
0.5179

301.6062, 0.3343,

 1.3468, 0.4069,

0.3703

0.5931

358.8785, 0.3331,
0.3679

■ 0.1770, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5610, 0.3487,
0.4009

■ 59.5610, 0.3487,
0.4009

■ 58.5740, 0.3608,
0.4266

■ 60.6790, 0.3360,
0.3749

■ 57.7038, 0.3719,
0.4510

■ 61.9261, 0.3232,
0.3495


■ 56.9461, 0.3814,
0.4732


■ 63.3102, 0.3107,
0.3251


■ 56.2931, 0.3887,
0.4920


■ 64.8367, 0.2987,
0.3022


 55.7362, 0.3935,
0.5068


 66.5104, 0.2874,
0.2809

 55.2650, 0.3957,
0.5171


 67.0649, 0.2881,
0.2793

 54.8641, 0.3956,
0.5233

 67.4989, 0.2900,
0.2795

 54.8013, 0.3955,
0.5241

 67.9403, 0.2919,
0.2798

 68.3891, 0.2939,
0.2801

Harmonies

Analogous

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



59.5610, 0.3796, 0.3892



59.5610, 0.3487, 0.4009



59.5610, 0.3094, 0.3907

Triad

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



59.5610, 0.3487, 0.4009



59.5610, 0.2389, 0.2877



59.5610, 0.3522, 0.2998

Complementary

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



59.5610, 0.3487, 0.4009



33.2164, 0.2700, 0.2489

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.



59.5610, 0.3120, 0.2764



59.5610, 0.3487, 0.4009



59.5610, 0.2484, 0.2682

Square

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



59.5610, 0.3487, 0.4009



59.5610, 0.2473, 0.3210



59.5610, 0.2744, 0.2648



59.5610, 0.3824, 0.3306

Rectangle

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



59.5610, 0.3487, 0.4009



59.5610, 0.2839, 0.3720



59.5610, 0.2744, 0.2648



59.5610, 0.3393, 0.2909

Sweetspot

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



59.5637, 0.3487, 0.4009



98.0257, 0.3242, 0.3513



39.6501, 0.3718, 0.3391



20.9169, 0.3260, 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.



59.5637, 0.3487, 0.4009



93.4641, 0.3561, 0.4165



55.8976, 0.3251, 0.4066



13.7133, 0.3245, 0.3521



34.1871, 0.3959, 0.5239



1.9345, 0.4004, 0.5202

Inverse Universe

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



33.2164, 0.2700, 0.2489



45.0410, 0.2591, 0.2291



36.5359, 0.2960, 0.2546



11.4932, 0.3002, 0.3051



3.0174, 0.1556, 0.0631



0.1943, 0.1692, 0.0706

Previews

White Background



This preview shows how the Yxy color 59.5610, 0.3487, 0.4009 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 59.5610, 0.3487, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

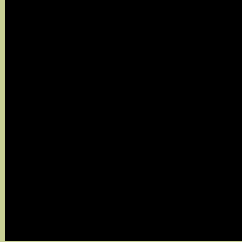
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

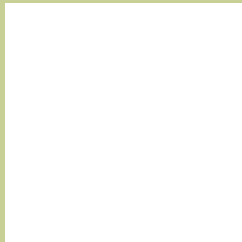
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5610, 0.3487, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 59.5610, 0.3487, 0.4009.



This preview shows how white text looks on a background with the Yxy color 59.5610, 0.3487, 0.4009.

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

59.5610, 0.3487, 0.4009

Protanopia

59.2531, 0.3670, 0.3932

Deuteranopia

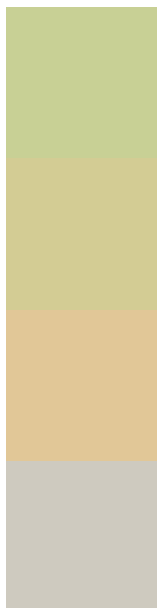
59.2013, 0.3840, 0.3754



Tritanopia

59.3085, 0.3089, 0.3106

Trichromacy



Original Color

59.5610, 0.3487, 0.4009

Protanomaly

59.1727, 0.3597, 0.3956

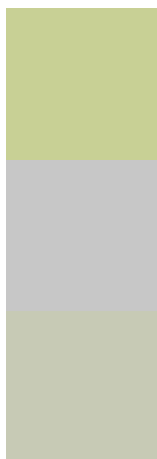
Deuteranomaly

59.0888, 0.3709, 0.3841

Tritanomaly

59.1245, 0.3238, 0.3420

Monochromacy



Original Color

59.5610, 0.3487, 0.4009

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7194, 0.3256, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5610, 0.3487, 0.4009 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(200, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 149) }
```

Border

The CSS property to change the border of an element to Yxy 59.5610, 0.3487, 0.4009 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(200, 208, 149) }
```

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

```
.border{ border-color:rgb(200, 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(200, 208, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5610, 0.3487, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 149) }
```

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

```
.background{ background-color: rgb(200,  
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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