

Converting Colors

$Yxy(61.6578, 0.3502, 0.4054)$

Have a look what the booklet for
Yxy(61.6578, 0.3502, 0.4054)
contains.

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Color

Yxy(61.7816, 0.3499, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	CAD494
RGB	202, 212, 148
RGB Percent	79%, 83%, 58%
CMY	0.2079, 0.1686, 0.4195
CMYK	0.05, 0.00, 0.30, 0.17
HSL	69°, 43%, 71%
HSV	69°, 30%, 83%
XYZ	53.2448, 61.7816, 37.1450
YIQ	201.7140, 14.5840, -22.0240

Conversions

Conversions Part 2

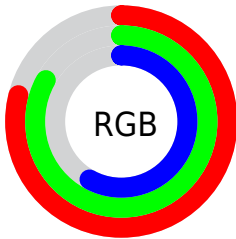
Format	Color
RYB	148, 212, 158
Decimal	13292692
CIELab	82.80, -13.67, 30.59
CIELCh	83, 33.509, 114.083
Yxy	61.7816, 0.3499, 0.4060
Android (android.graphics.Color)	4291482772 (0xFFCAD494)
YUV	201.7140, -26.4810, 0.2508
Hunter-Lab	78.6013, -16.6357, 27.0019

Details

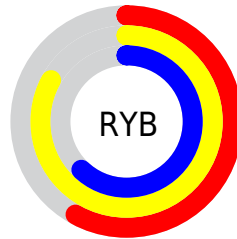
The Yxy color **61.7816, 0.3499, 0.4060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2149, 0.2679, 0.2432**, and the grayscale version is **59.0378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **31.1801, 0.3577, 0.4250** is the 20% darker color. If you saturate the color by 10%, you get **60.7150, 0.3615, 0.4318**, and if you desaturate by 10%, it is **62.9866, 0.3376, 0.3798**.

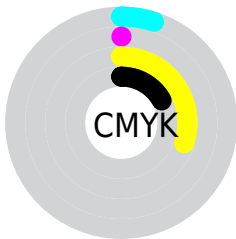
Distribution



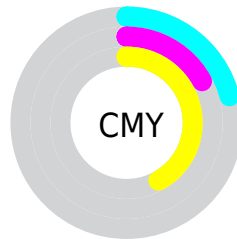
- Red (79%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)





- Cyan (21%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7816, 0.3499, 0.4060 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 61.7816, 0.3499, 0.4060 by changing the saturation by 10% instead.

 61.7816, 0.3499,
0.4060


 61.7816, 0.3499,
0.4060


431.1340, 0.3330,
0.3686

 44.8563, 0.3536,
0.4149


 107.4098, 0.3441,
0.3927

 31.3442, 0.3580,
0.4261


 136.8815, 0.3419,
0.3876

 20.8611, 0.3634,
0.4405


171.3040, 0.3399,
0.3833

 13.0225, 0.3699,
0.4597

211.0619, 0.3381,
0.3795

 7.4440, 0.3776,
0.4860

256.5394, 0.3366,
0.3763

 3.7413, 0.3876,
0.5267

308.1210, 0.3353,

 1.5299, 0.4011,

0.3734

0.5989

366.1911, 0.3340,
0.3708

0.3097, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7816, 0.3499,
0.4060

61.7816, 0.3499,
0.4060

60.7150, 0.3615,
0.4318

62.9866, 0.3376,
0.3798

59.7719, 0.3719,
0.4563


64.3280, 0.3252,
0.3541


58.9474, 0.3806,
0.4783

65.8145, 0.3129,
0.3294

58.2335, 0.3871,
0.4970


67.4516, 0.3011,
0.3062

 57.6205, 0.3911,
0.5114

 69.2444, 0.2900,
0.2847

 57.0974, 0.3924,
0.5212

 69.8256, 0.2916,
0.2840

 56.6514, 0.3917,
0.5272

 70.3548, 0.2939,
0.2843

 70.8943, 0.2962,
0.2846

 71.4443, 0.2985,
0.2849

Harmonies

Analogous

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



61.7816, 0.3833, 0.3936



61.7816, 0.3499, 0.4060



61.7816, 0.3079, 0.3947

Triad

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



61.7816, 0.3499, 0.4060



61.7816, 0.2342, 0.2840



61.7816, 0.3559, 0.2987

Complementary

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



61.7816, 0.3499, 0.4060



33.2149, 0.2679, 0.2432

Split Complementary

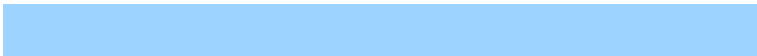
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7816, 0.3130, 0.2736



61.7816, 0.3499, 0.4060



61.7816, 0.2448, 0.2639

Square

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



61.7816, 0.3499, 0.4060



61.7816, 0.2426, 0.3192



61.7816, 0.2727, 0.2610



61.7816, 0.3879, 0.3314

Rectangle

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



61.7816, 0.3499, 0.4060



61.7816, 0.2809, 0.3742



61.7816, 0.2727, 0.2610



61.7816, 0.3421, 0.2892

Sweetspot

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



61.7844, 0.3499, 0.4060



97.9338, 0.3238, 0.3514



40.4620, 0.3766, 0.3411



20.8941, 0.3257, 0.3551



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.



61.7844, 0.3499, 0.4060



92.8062, 0.3572, 0.4221



57.8223, 0.3250, 0.4125



14.4169, 0.3243, 0.3522



35.0071, 0.3921, 0.5269



2.1386, 0.3971, 0.5229

Inverse Universe

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



33.2149, 0.2679, 0.2432



42.9003, 0.2567, 0.2227



36.8388, 0.2956, 0.2497



12.1011, 0.3005, 0.3051



3.1642, 0.1569, 0.0638



0.2208, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 61.7816, 0.3499, 0.4060 looks on a white background.

Color Contrast Check

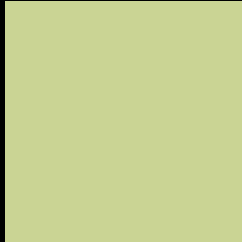
Large Text (above 18pt) WCAG AA × Fail

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 61.7816, 0.3499, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

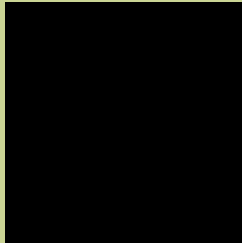
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

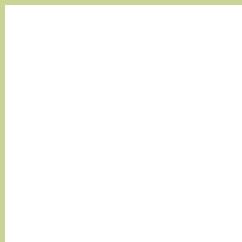
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7816, 0.3499, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 61.7816, 0.3499, 0.4060.



This preview shows how white text looks on a background with the Yxy color 61.7816, 0.3499, 0.4060.

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

61.7816, 0.3499, 0.4060

Protanopia

61.7165, 0.3704, 0.3989

Deuteranopia

61.4000, 0.3878, 0.3788



Tritanopia

61.6752, 0.3075, 0.3109

Trichromacy



Original Color

61.7816, 0.3499, 0.4060

Protanomaly

61.6341, 0.3632, 0.4014

Deuteranomaly

61.1011, 0.3740, 0.3877

Tritanomaly

61.4028, 0.3235, 0.3442

Monochromacy



Original Color

61.7816, 0.3499, 0.4060

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0766, 0.3268, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7816, 0.3499, 0.4060 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, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 148)  
}
```

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, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.7816, 0.3499, 0.4060 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, 212, 148) }
```

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

```
.border{ border-color:rgb(202, 212, 148) }
```

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

Here you see how a box with a 4 pixel rgb(202, 212, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7816, 0.3499, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 148) }
```

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

```
.background{ background-color: rgb(202,  
212, 148) }
```

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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