

Converting Colors

$Yxy(61.9094, 0.3364, 0.3871)$

Have a look what the booklet for
Yxy(61.9094, 0.3364, 0.3871)
contains.

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Color

Yxy(61.9094, 0.3364, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4A4
RGB	199, 212, 164
RGB Percent	78%, 83%, 64%
CMY	0.2195, 0.1686, 0.3570
CMYK	0.06, 0.00, 0.23, 0.17
HSL	76°, 36%, 74%
HSV	76°, 23%, 83%
XYZ	53.8009, 61.9094, 44.2210
YIQ	202.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

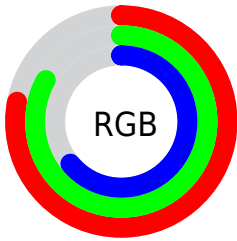
Format	Color
RYB	164, 212, 177
Decimal	13096100
CIELab	82.87, -12.54, 22.35
CIElCh	83, 25.623, 119.293
Yxy	61.9094, 0.3364, 0.3871
Android (android.graphics.Color)	4291286180 (0xFFC7D4A4)
YUV	202.6410, -19.0500, -3.1932
Hunter-Lab	78.6825, -15.6412, 21.7557

Details

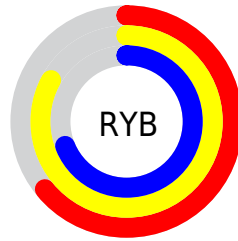
The Yxy color **61.9094, 0.3364, 0.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6337, 0.2851, 0.2678**, and the grayscale version is **59.6048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **31.3035, 0.3421, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **60.4405, 0.3465, 0.4143**, and if you desaturate by 10%, it is **63.5409, 0.3259, 0.3606**.

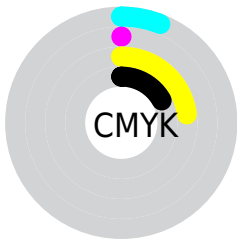
Distribution



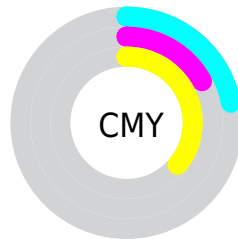
- Red (78%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9094, 0.3364, 0.3871 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 61.9094, 0.3364, 0.3871 by changing the saturation by 10% instead.

61.9094, 0.3364,
0.3871

61.9094, 0.3364,
0.3871

431.6005, 0.3255,
0.3588

44.9595, 0.3388,
0.3939

107.5946, 0.3327,
0.3770

31.4255, 0.3418,
0.4025

137.0986, 0.3312,
0.3732

20.9231, 0.3454,
0.4136

171.5562, 0.3299,
0.3699

13.0678, 0.3500,
0.4287

211.3517, 0.3288,
0.3671

7.4752, 0.3557,
0.4499

256.8695, 0.3279,
0.3646

3.7611, 0.3627,
0.4819

308.4939, 0.3270,

1.5408, 0.4087,

0.3624

0.5913

366.6095, 0.3262,
0.3605

0.3172, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.9094, 0.3364,
0.3871

61.9094, 0.3364,
0.3871

60.4405, 0.3465,
0.4143

63.5409, 0.3259,
0.3606

59.1193, 0.3558,
0.4413


65.3331, 0.3155,
0.3354

57.9414, 0.3638,
0.4672


67.2944, 0.3053,
0.3119

56.8990, 0.3700,
0.4907


69.4303, 0.2955,
0.2902


 55.9831, 0.3738,
0.5108


 70.7442, 0.2956,
0.2846


 55.1839, 0.3752,
0.5265

 71.6942, 0.2995,
0.2851

 54.4892, 0.3740,
0.5373

 72.6755, 0.3035,
0.2856

 54.0306, 0.3719,
0.5429

 73.6884, 0.3075,
0.2861

 74.7332, 0.3115,
0.2867

Harmonies

Analogous

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



61.9094, 0.3635, 0.3816



61.9094, 0.3364, 0.3871



61.9094, 0.3039, 0.3749

Triad

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



61.9094, 0.3364, 0.3871



61.9094, 0.2521, 0.2912



61.9094, 0.3509, 0.3099

Complementary

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



61.9094, 0.3364, 0.3871



40.6337, 0.2851, 0.2678

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.



61.9094, 0.3191, 0.2886



61.9094, 0.3364, 0.3871



61.9094, 0.2630, 0.2773

Square

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



61.9094, 0.3364, 0.3871



61.9094, 0.2562, 0.3169



61.9094, 0.2870, 0.2768



61.9094, 0.3726, 0.3363

Rectangle

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



61.9094, 0.3364, 0.3871



61.9094, 0.2836, 0.3582



61.9094, 0.2870, 0.2768



61.9094, 0.3409, 0.3020

Sweetspot

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



61.9121, 0.3364, 0.3871



98.0004, 0.3201, 0.3464



48.0329, 0.3555, 0.3447



20.9405, 0.3207, 0.3479



0.0000, 0.0000, 0.0000



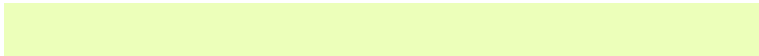
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9121, 0.3364, 0.3871



92.9742, 0.3412, 0.3996



58.9004, 0.3180, 0.3906



14.3435, 0.3225, 0.3523



33.4076, 0.3726, 0.5424



2.0547, 0.3810, 0.5357

Inverse Universe

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



40.6337, 0.2851, 0.2678



55.3436, 0.2784, 0.2537



43.6824, 0.3055, 0.2713



12.1693, 0.3023, 0.3052



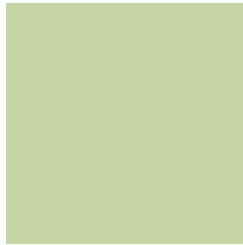
3.5186, 0.1671, 0.0694



0.2531, 0.1855, 0.0796

Previews

White Background



This preview shows how the Yxy color 61.9094, 0.3364, 0.3871 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 61.9094, 0.3364, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

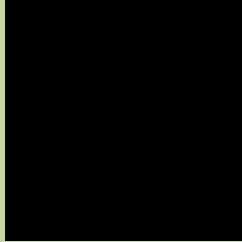
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

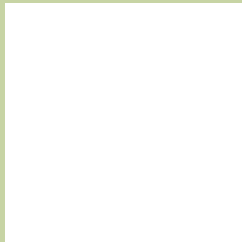
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9094, 0.3364, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 61.9094, 0.3364, 0.3871.



This preview shows how white text looks on a background with the Yxy color 61.9094, 0.3364, 0.3871.

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

61.9094, 0.3364, 0.3871

Protanopia

61.9315, 0.3569, 0.3810

Deuteranopia

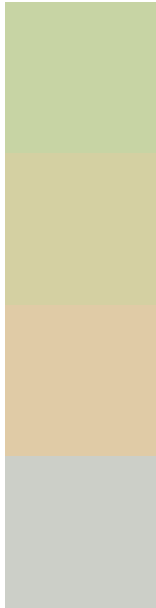
61.5289, 0.3705, 0.3632



Tritanopia

61.6716, 0.3031, 0.3096

Trichromacy



Original Color

61.9094, 0.3364, 0.3871

Protanomaly

61.7174, 0.3491, 0.3832

Deuteranomaly

61.3123, 0.3572, 0.3714

Tritanomaly

61.6331, 0.3154, 0.3372

Monochromacy



Original Color

61.9094, 0.3364, 0.3871

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3733, 0.3217, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9094, 0.3364, 0.3871 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(199, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 164)  
}
```

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(199, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 164) }
```

Border

The CSS property to change the border of an element to Yxy 61.9094, 0.3364, 0.3871 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(199, 212, 164) }
```

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

```
.border{ border-color:rgb(199, 212, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9094, 0.3364, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 164) }
```

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

```
.background{ background-color: rgb(199,  
212, 164) }
```

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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