

Converting Colors

$Yxy(62.0777, 0.3400, 0.3904)$

Have a look what the booklet for
Yxy(62.0777, 0.3400, 0.3904)
contains.

Yxy(62.0777, 0.3400, 0.3904)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.0777, 0.3400, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	C9D4A1
RGB	201, 212, 161
RGB Percent	79%, 83%, 63%
CMY	0.2118, 0.1686, 0.3685
CMYK	0.05, 0.00, 0.24, 0.17
HSL	73°, 37%, 73%
HSV	73°, 24%, 83%
XYZ	54.0636, 62.0777, 42.8692
YIQ	202.8970, 9.8150, -18.1930

Conversions

Conversions Part 2

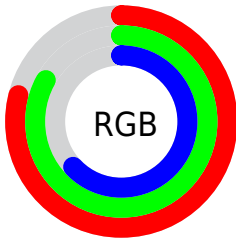
Format	Color
RYB	161, 212, 172
Decimal	13227169
CIELab	82.95, -12.25, 24.03
CIELCh	83, 26.969, 117.017
Yxy	62.0777, 0.3400, 0.3904
Android (android.graphics.Color)	4291417249 (0xFFC9D4A1)
YUV	202.8970, -20.6552, -1.6637
Hunter-Lab	78.7894, -15.3986, 22.8930

Details

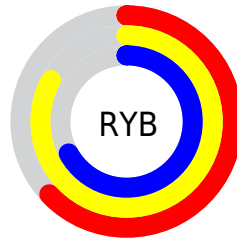
The Yxy color **62.0777, 0.3400, 0.3904** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0359, 0.2809, 0.2632**, and the grayscale version is **59.7823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **31.4211, 0.3469, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **60.7686, 0.3510, 0.4171**, and if you desaturate by 10%, it is **63.5381, 0.3286, 0.3641**.

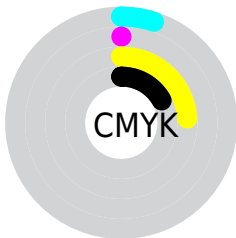
Distribution



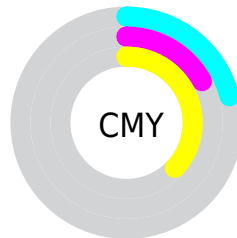
- Red (79%)
- Green (83%)
- Blue (63%)



- Red (63%)
- Yellow (83%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0777, 0.3400, 0.3904 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 62.0777, 0.3400, 0.3904 by changing the saturation by 10% instead.


 62.0777, 0.3400,
0.3904

 62.0777, 0.3400,
0.3904

432.2145, 0.3275,
0.3606

 45.0955, 0.3428,
0.3976


 107.8378, 0.3357,
0.3798

 31.5326, 0.3462,
0.4066


 137.3845, 0.3340,
0.3757

 21.0048, 0.3504,
0.4183


171.8882, 0.3325,
0.3723

 13.1275, 0.3556,
0.4340

211.7332, 0.3313,
0.3693

 7.5164, 0.3622,
0.4560

257.3039, 0.3301,
0.3667

 3.7871, 0.3702,
0.4888

308.9847, 0.3292,

 1.5552, 0.4108,

0.3644

0.5892

367.1601, 0.3283,
0.3624

0.3271, 0.0349,
0.9651

0.0000, 0.0000,
0.0000

62.0777, 0.3400,
0.3904

62.0777, 0.3400,
0.3904

60.7686, 0.3510,
0.4171

63.5381, 0.3286,
0.3641

59.5960, 0.3611,
0.4433

65.1477, 0.3172,
0.3388


58.5555, 0.3699,
0.4680

66.9149, 0.3062,
0.3150

57.6393, 0.3767,
0.4901


68.8451, 0.2956,
0.2930

 56.8387, 0.3811,
0.5084


 70.1432, 0.2930,
0.2842

 56.1434, 0.3830,
0.5224


 70.8853, 0.2961,
0.2846

 55.5414, 0.3824,
0.5316

 71.6474, 0.2993,
0.2851

 55.2144, 0.3812,
0.5355

 72.4294, 0.3025,
0.2855

 73.2317, 0.3057,
0.2859

Harmonies

Analogous

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



62.0777, 0.3677, 0.3831



62.0777, 0.3400, 0.3904



62.0777, 0.3059, 0.3790

Triad

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



62.0777, 0.3400, 0.3904



62.0777, 0.2489, 0.2909



62.0777, 0.3506, 0.3069

Complementary

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



62.0777, 0.3400, 0.3904



39.0359, 0.2809, 0.2632

Split Complementary

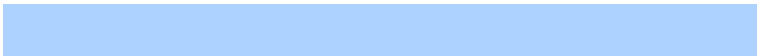
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.0777, 0.3167, 0.2853



62.0777, 0.3400, 0.3904



62.0777, 0.2592, 0.2754

Square

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



62.0777, 0.3400, 0.3904



62.0777, 0.2544, 0.3185



62.0777, 0.2834, 0.2739



62.0777, 0.3746, 0.3343

Rectangle

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



62.0777, 0.3400, 0.3904



62.0777, 0.2843, 0.3620



62.0777, 0.2834, 0.2739



62.0777, 0.3398, 0.2988

Sweetspot

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



62.0804, 0.3400, 0.3904



98.1784, 0.3207, 0.3463



45.7872, 0.3596, 0.3416



20.9818, 0.3214, 0.3479



0.0000, 0.0000, 0.0000



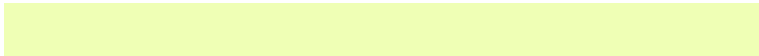
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0804, 0.3400, 0.3904



93.2102, 0.3459, 0.4045



58.9338, 0.3209, 0.3943



14.3782, 0.3233, 0.3523



34.1294, 0.3818, 0.5351



2.0930, 0.3886, 0.5297

Inverse Universe

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



39.0359, 0.2809, 0.2632



52.1642, 0.2725, 0.2467



42.0902, 0.3020, 0.2671



12.1369, 0.3015, 0.3051



3.3269, 0.1616, 0.0664



0.2375, 0.1787, 0.0758

Previews

White Background



This preview shows how the Yxy color 62.0777, 0.3400, 0.3904 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 62.0777, 0.3400, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

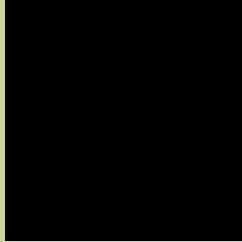
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

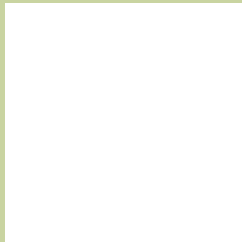
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0777, 0.3400, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 62.0777, 0.3400, 0.3904.



This preview shows how white text looks on a background with the Yxy color 62.0777, 0.3400, 0.3904.

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

62.0777, 0.3400, 0.3904

Protanopia

61.8269, 0.3591, 0.3844

Deuteranopia

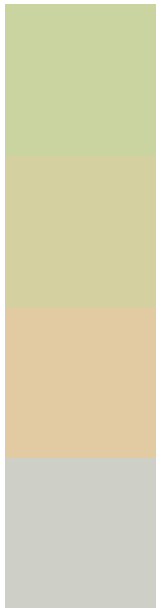
61.7693, 0.3746, 0.3662



Tritanopia

61.9083, 0.3053, 0.3108

Trichromacy



Original Color

62.0777, 0.3400, 0.3904

Protanomaly

61.7611, 0.3521, 0.3866

Deuteranomaly

61.5250, 0.3612, 0.3746

Tritanomaly

61.8710, 0.3176, 0.3384

Monochromacy



Original Color

62.0777, 0.3400, 0.3904

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3300, 0.3225, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0777, 0.3400, 0.3904 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(201, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 161)  
}
```

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(201, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 161) }
```

Border

The CSS property to change the border of an element to Yxy 62.0777, 0.3400, 0.3904 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(201, 212, 161) }
```

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

```
.border{ border-color:rgb(201, 212, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 212, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0777, 0.3400, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 212, 161) }
```

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

```
.background{ background-color: rgb(201,  
212, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor