

Converting Colors

Yxy(62.1659, 0.3360, 0.3824)

Have a look what the booklet for
Yxy(62.1659, 0.3360, 0.3824)
contains.

Yxy(62.2945, 0.3358, 0.3831)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.2945, 0.3358, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	C9D4A7
RGB	201, 212, 167
RGB Percent	79%, 83%, 65%
CMY	0.2118, 0.1686, 0.3451
CMYK	0.05, 0.00, 0.21, 0.17
HSL	75°, 34%, 74%
HSV	75°, 21%, 83%
XYZ	54.6032, 62.2945, 45.7087
YIQ	203.5810, 7.8890, -16.3270

Conversions

Conversions Part 2

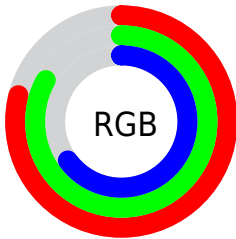
Format	Color
RYB	167, 212, 178
Decimal	13227175
CIELab	83.07, -11.37, 21.06
CIElCh	83, 23.932, 118.374
Yxy	62.2945, 0.3358, 0.3831
Android (android.graphics.Color)	4291417255 (0xFFC9D4A7)
YUV	203.5810, -18.0344, -2.2635
Hunter-Lab	78.9269, -14.6321, 20.9124

Details

The Yxy color **62.2945, 0.3358, 0.3831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8634, 0.2862, 0.2719**, and the grayscale version is **60.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **31.5548, 0.3414, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **60.8686, 0.3464, 0.4100**, and if you desaturate by 10%, it is **63.8788, 0.3249, 0.3569**.

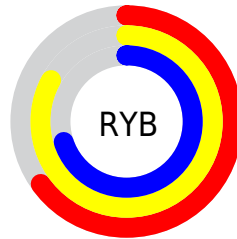
Distribution



Red (79%)

Green (83%)

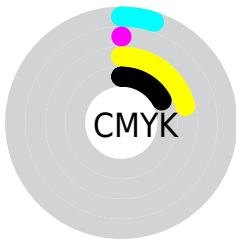
Blue (65%)



Red (65%)

Yellow (83%)

Blue (70%)

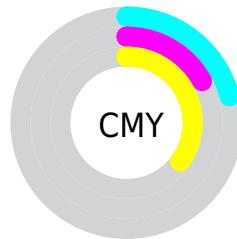


Cyan (5%)

Magenta (0%)

Yellow (21%)

Black (17%)



Cyan (21%)

Magenta (17%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2945, 0.3358, 0.3831 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 62.2945, 0.3358, 0.3831 by changing the saturation by 10% instead.

 62.2945, 0.3358,
0.3831

 62.2945, 0.3358,
0.3831


433.0045, 0.3252,
0.3568

 45.2707, 0.3382,
0.3894


 108.1511, 0.3321,
0.3737

 31.6707, 0.3411,
0.3974


 137.7526, 0.3307,
0.3702

 21.1101, 0.3447,
0.4077


172.3155, 0.3295,
0.3671

 13.2045, 0.3493,
0.4216

212.2242, 0.3284,
0.3645

 7.5695, 0.3553,
0.4412

257.8631, 0.3274,
0.3622

 3.8208, 0.3628,
0.4707

309.6165, 0.3266,

 1.5738, 0.4014,

0.3602

0.5618

367.8688, 0.3258,
0.3584

0.3398, 0.1178,
0.8822

0.0000, 0.0000,
0.0000

62.2945, 0.3358,
0.3831

62.2945, 0.3358,
0.3831

60.8686, 0.3464,
0.4100

63.8788, 0.3249,
0.3569

59.5863, 0.3563,
0.4368

65.6193, 0.3140,
0.3320

58.4434, 0.3650,
0.4625

67.5245, 0.3035,
0.3087

57.4322, 0.3719,
0.4860

69.5997, 0.2935,
0.2872

■ 56.5442, 0.3765,
0.5061

■ 70.6350, 0.2951,
0.2845

■ 55.7695, 0.3787,
0.5219

■ 71.4922, 0.2986,
0.2850

■ 55.0966, 0.3783,
0.5330

■ 72.3751, 0.3023,
0.2854

■ 54.5723, 0.3762,
0.5395

■ 73.2838, 0.3059,
0.2859

■ 74.2188, 0.3095,
0.2864

Harmonies

Analogous

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



62.2945, 0.3607, 0.3777



62.2945, 0.3358, 0.3831



62.2945, 0.3055, 0.3722

Triad

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



62.2945, 0.3358, 0.3831



62.2945, 0.2559, 0.2945



62.2945, 0.3475, 0.3104

Complementary

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



62.2945, 0.3358, 0.3831



41.8634, 0.2862, 0.2719

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.



62.2945, 0.3178, 0.2907



62.2945, 0.3358, 0.3831



62.2945, 0.2658, 0.2810

Square

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



62.2945, 0.3358, 0.3831



62.2945, 0.2603, 0.3187



62.2945, 0.2879, 0.2800



62.2945, 0.3680, 0.3352

Rectangle

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



62.2945, 0.3358, 0.3831



62.2945, 0.2864, 0.3569



62.2945, 0.2879, 0.2800



62.2945, 0.3382, 0.3031

Sweetspot

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



62.2972, 0.3358, 0.3831



98.3495, 0.3192, 0.3438



48.4344, 0.3526, 0.3419



21.0135, 0.3200, 0.3455



0.0000, 0.0000, 0.0000



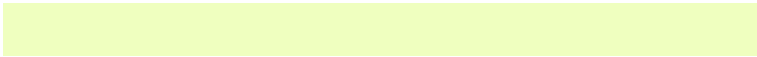
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2972, 0.3358, 0.3831



93.7099, 0.3402, 0.3939



59.4666, 0.3189, 0.3861



14.3596, 0.3229, 0.3523



33.7358, 0.3768, 0.5390



2.0722, 0.3845, 0.5329

Inverse Universe

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



41.8634, 0.2862, 0.2719



57.8371, 0.2803, 0.2597



44.6751, 0.3048, 0.2749



12.1542, 0.3019, 0.3052



3.4238, 0.1644, 0.0680



0.2456, 0.1823, 0.0778

Previews

White Background



This preview shows how the Yxy color 62.2945, 0.3358, 0.3831 looks on a white background.

Color Contrast Check

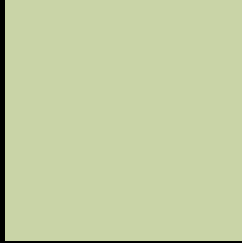
Large Text (above 18pt) WCAG AA × Fail

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 62.2945, 0.3358, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

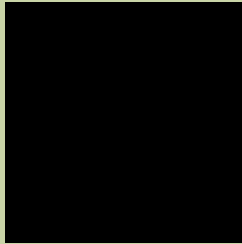
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

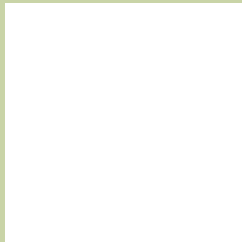
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2945, 0.3358, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 62.2945, 0.3358, 0.3831.



This preview shows how white text looks on a background with the Yxy color 62.2945, 0.3358, 0.3831.

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

62.2945, 0.3358, 0.3831

Protanopia

62.0386, 0.3547, 0.3775

Deuteranopia

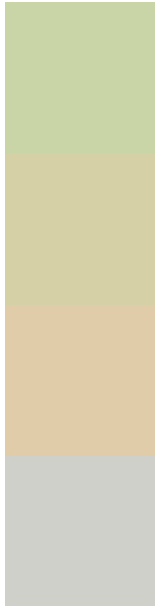
62.0998, 0.3678, 0.3609



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.2945, 0.3358, 0.3831

Protanomaly

61.9745, 0.3477, 0.3794

Deuteranomaly

62.0579, 0.3555, 0.3689

Tritanomaly

62.4506, 0.3161, 0.3372

Monochromacy



Original Color

62.2945, 0.3358, 0.3831

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0837, 0.3210, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2945, 0.3358, 0.3831 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.2945, 0.3358, 0.3831 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, 167) }
```

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

```
.border{ border-color:rgb(201, 212, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2945, 0.3358, 0.3831 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, 167) }
```

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

```
.background{ background-color: rgb(201,  
212, 167) }
```

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