

Converting Colors

$Yxy(60.4655, 0.3423, 0.3961)$

Have a look what the booklet for
Yxy(60.4655, 0.3423, 0.3961)
contains.

Yxy(60.4655, 0.3423, 0.3961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4655, 0.3423, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	C6D29B
RGB	198, 210, 155
RGB Percent	78%, 82%, 61%
CMY	0.2235, 0.1765, 0.3921
CMYK	0.06, 0.00, 0.26, 0.18
HSL	73°, 38%, 72%
HSV	73°, 26%, 82%
XYZ	52.2528, 60.4655, 39.9338
YIQ	200.1420, 10.5030, -19.6490

Conversions

Conversions Part 2

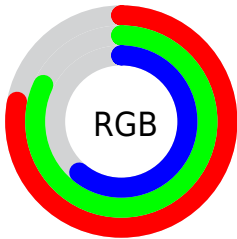
Format	Color
RYB	155, 210, 167
Decimal	13030043
CIELab	82.09, -13.20, 25.96
CIElCh	82, 29.126, 116.958
Yxy	60.4655, 0.3423, 0.3961
Android (android.graphics.Color)	4291220123 (0xFFC6D29B)
YUV	200.1420, -22.2550, -1.8785
Hunter-Lab	77.7596, -16.1309, 23.9830

Details

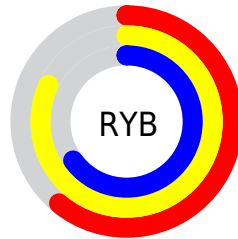
The Yxy color **60.4655, 0.3423, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.3192, 0.2777, 0.2566**, and the grayscale version is **57.9879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **30.6855, 0.3496, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **59.2092, 0.3531, 0.4228**, and if you desaturate by 10%, it is **61.8687, 0.3310, 0.3696**.

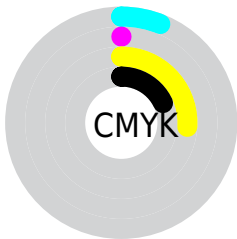
Distribution



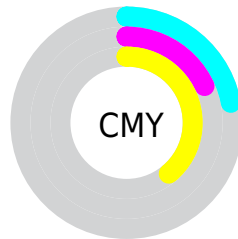
- Red (78%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4655, 0.3423, 0.3961 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 60.4655, 0.3423, 0.3961 by changing the saturation by 10% instead.

 60.4655, 0.3423,
0.3961


 60.4655, 0.3423,
0.3961


426.3115, 0.3287,
0.3633

 43.7939, 0.3453,
0.4040


 105.5046, 0.3376,
0.3844

 30.5086, 0.3490,
0.4140


 134.6410, 0.3358,
0.3799

 20.2249, 0.3534,
0.4269


168.7011, 0.3342,
0.3761

 12.5586, 0.3590,
0.4443

208.0694, 0.3328,
0.3729

 7.1253, 0.3658,
0.4688

253.1301, 0.3316,
0.3700

 3.5406, 0.3736,
0.5054

304.2678, 0.3305,

 1.4201, 0.4020,

0.3675

0.5980

361.8668, 0.3296,
0.3653

0.2314, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.4655, 0.3423,
0.3961

60.4655, 0.3423,
0.3961

59.2092, 0.3531,
0.4228

61.8687, 0.3310,
0.3696

58.0852, 0.3630,
0.4488


63.4169, 0.3196,
0.3441


57.0893, 0.3713,
0.4731


65.1184, 0.3085,
0.3200


56.2134, 0.3776,
0.4944


66.9785, 0.2979,
0.2976


 55.4489, 0.3815,
0.5119


 68.6749, 0.2909,
0.2818


 54.7855, 0.3828,
0.5249


 69.4040, 0.2940,
0.2822

 54.2103, 0.3817,
0.5333

 70.1529, 0.2972,
0.2827

 54.0051, 0.3809,
0.5358

 70.9217, 0.3004,
0.2831

 71.7107, 0.3036,
0.2836

Harmonies

Analogous

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



60.4655, 0.3726, 0.3877



60.4655, 0.3423, 0.3961



60.4655, 0.3052, 0.3839

Triad

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



60.4655, 0.3423, 0.3961



60.4655, 0.2436, 0.2874



60.4655, 0.3539, 0.3049

Complementary

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



60.4655, 0.3423, 0.3961



36.3192, 0.2777, 0.2566

Split Complementary

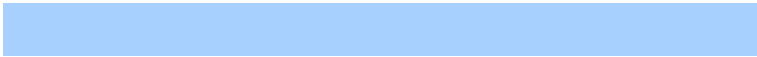
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.4655, 0.3168, 0.2817



60.4655, 0.3423, 0.3961



60.4655, 0.2546, 0.2708

Square

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



60.4655, 0.3423, 0.3961



60.4655, 0.2495, 0.3174



60.4655, 0.2807, 0.2693



60.4655, 0.3801, 0.3345

Rectangle

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



60.4655, 0.3423, 0.3961



60.4655, 0.2818, 0.3652



60.4655, 0.2807, 0.2693



60.4655, 0.3421, 0.2962

Sweetspot

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



60.4682, 0.3423, 0.3961



97.9203, 0.3218, 0.3489



43.6813, 0.3646, 0.3440



20.8790, 0.3235, 0.3527



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.



60.4682, 0.3423, 0.3961



92.7856, 0.3480, 0.4099



57.0749, 0.3208, 0.4009



13.6620, 0.3233, 0.3522



32.9866, 0.3815, 0.5353



1.8775, 0.3888, 0.5295

Inverse Universe

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



36.3192, 0.2777, 0.2566



49.6155, 0.2693, 0.2403



39.6271, 0.3016, 0.2615



11.5403, 0.3015, 0.3052



3.2268, 0.1619, 0.0666



0.2162, 0.1803, 0.0767

Previews

White Background



This preview shows how the Yxy color 60.4655, 0.3423, 0.3961 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 60.4655, 0.3423, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

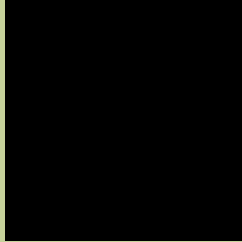
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4655, 0.3423, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 60.4655, 0.3423, 0.3961.



This preview shows how white text looks on a background with the Yxy color 60.4655, 0.3423, 0.3961.

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

60.4655, 0.3423, 0.3961

Protanopia

60.5128, 0.3634, 0.3894

Deuteranopia

60.2992, 0.3784, 0.3710



Tritanopia

60.4248, 0.3045, 0.3106

Trichromacy



Original Color

60.4655, 0.3423, 0.3961

Protanomaly

60.2914, 0.3554, 0.3918

Deuteranomaly

60.0549, 0.3648, 0.3796

Tritanomaly

60.2993, 0.3183, 0.3408

Monochromacy



Original Color

60.4655, 0.3423, 0.3961

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7885, 0.3232, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4655, 0.3423, 0.3961 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(198, 210, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 155)  
}
```

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(198, 210, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 155) }
```

Border

The CSS property to change the border of an element to Yxy 60.4655, 0.3423, 0.3961 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(198, 210, 155) }
```

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

```
.border{ border-color:rgb(198, 210, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4655, 0.3423, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 155) }
```

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

```
.background{ background-color: rgb(198,  
210, 155) }
```

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