

# Converting Colors

Yxy(61.2835, 0.3352, 0.3662)

Have a look what the booklet for  
Yxy(61.2835, 0.3352, 0.3662)  
contains.

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# Color

**Yxy(61.0256, 0.3350, 0.3658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFCFB0
RGB	207, 207, 176
RGB Percent	81%, 81%, 69%
CMY	0.1881, 0.1882, 0.3097
CMYK	0.00, 0.00, 0.15, 0.19
HSL	60°, 24%, 75%
HSV	60°, 15%, 81%
XYZ	55.8873, 61.0256, 49.9149
YIQ	203.4660, 9.9510, -9.6410

# Conversions

## Conversions Part 2

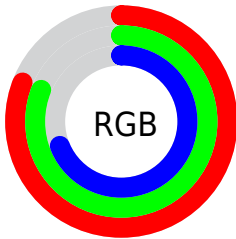
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 207, 176
Decimal	13619120
CIELab	82.39, -5.22, 15.43
CIELCh	82, 16.289, 108.693
Yxy	61.0256, 0.3350, 0.3658
Android (android.graphics.Color)	4291809200 (0xFFCFCFB0)
YUV	203.4660, -13.5407, 3.0993
Hunter-Lab	78.1189, -9.0067, 16.7993

# Details

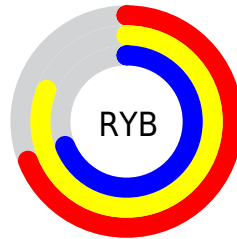
The Yxy color **61.0256, 0.3350, 0.3658** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8052, 0.2887, 0.2893**, and the grayscale version is **60.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **30.8879, 0.3403, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **60.2615, 0.3502, 0.3908**, and if you desaturate by 10%, it is **61.9201, 0.3200, 0.3410**.

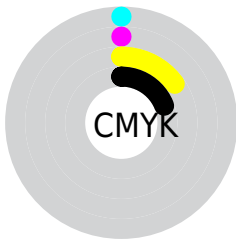
# Distribution



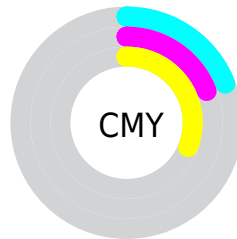
- Red (81%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)




- Cyan (19%)
- Magenta (19%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0256, 0.3350, 0.3658 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 61.0256, 0.3350, 0.3658 by changing the saturation by 10% instead.





 61.0256, 0.3350,  
0.3658

 61.0256, 0.3350,  
0.3658


428.3679, 0.3245,  
0.3480

 44.2458, 0.3375,  
0.3700


 106.3160, 0.3313,  
0.3595

 30.8638, 0.3405,  
0.3754


135.5954, 0.3299,  
0.3571

 20.4952, 0.3444,  
0.3823


169.8102, 0.3287,  
0.3550

 12.7555, 0.3495,  
0.3916

209.3447, 0.3276,  
0.3532

 7.2604, 0.3566,  
0.4048

254.5833, 0.3267,  
0.3517

 3.6255, 0.3667,  
0.4247

305.9104, 0.3259,

 1.4663, 0.3939,

0.3503

0.4724

363.7105, 0.3251,  
0.3491

0.2649, 0.3194,  
0.6806

0.0000, 0.0000,  
0.0000

61.0256, 0.3350,  
0.3658

61.0256, 0.3350,  
0.3658

60.2615, 0.3502,  
0.3908

61.9201, 0.3200,  
0.3410

59.6140, 0.3650,  
0.4154

62.9421, 0.3055,  
0.3171

59.0798, 0.3790,  
0.4384

64.0994, 0.2919,  
0.2945

58.6523, 0.3915,  
0.4591

65.1479, 0.2814,  
0.2773

■ 58.3241, 0.4020,  
0.4764

■ 65.1566, 0.2814,  
0.2773

■ 58.0871, 0.4101,  
0.4898

■ 65.1653, 0.2814,  
0.2773

■ 57.9317, 0.4156,  
0.4988

■ 65.1740, 0.2814,  
0.2773

■ 57.8463, 0.4186,  
0.5037

■ 65.1827, 0.2814,  
0.2773

■ 57.8192, 0.4195,  
0.5051

■ 65.1914, 0.2814,  
0.2774

# Harmonies

## Analogous

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



61.0256, 0.3495, 0.3595



61.0256, 0.3350, 0.3658



61.0256, 0.3148, 0.3616

# Triad

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



61.0256, 0.3350, 0.3658



61.0256, 0.2731, 0.3104



61.0256, 0.3305, 0.3112

# Complementary

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



61.0256, 0.3350, 0.3658



44.8052, 0.2887, 0.2893

# Split Complementary

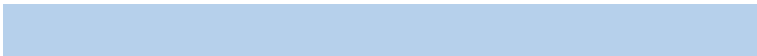
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.0256, 0.3095, 0.2990



61.0256, 0.3350, 0.3658



61.0256, 0.2769, 0.2980

# Square

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



61.0256, 0.3350, 0.3658



61.0256, 0.2795, 0.3286



61.0256, 0.2900, 0.2941



61.0256, 0.3470, 0.3279



# Rectangle

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



61.0256, 0.3350, 0.3658



61.0256, 0.3010, 0.3533



61.0256, 0.2900, 0.2941



61.0256, 0.3237, 0.3065

# Sweetspot

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



61.0283, 0.3350, 0.3658



99.3547, 0.3186, 0.3388



47.4812, 0.3400, 0.3284



21.2408, 0.3198, 0.3406



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.



61.0283, 0.3350, 0.3658



97.3630, 0.3399, 0.3739



58.9837, 0.3231, 0.3672



13.7958, 0.3266, 0.3519



36.4200, 0.4195, 0.5051



2.0370, 0.4194, 0.5052



# Inverse Universe

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



44.8052, 0.2887, 0.2893



66.4595, 0.2829, 0.2798



46.6395, 0.3010, 0.2907



11.4193, 0.2982, 0.3050



2.8415, 0.1500, 0.0601

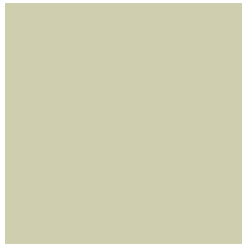


0.1595, 0.1501, 0.0603



# Previews

## White Background



This preview shows how the Yxy color 61.0256, 0.3350, 0.3658 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

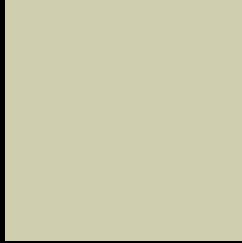
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0256, 0.3350, 0.3658 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

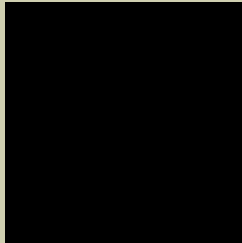
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

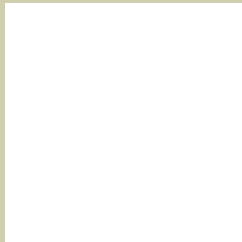
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.0256, 0.3350, 0.3658**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0256, 0.3350, 0.3658.



This preview shows how white text looks on a background with the Yxy color 61.0256, 0.3350, 0.3658.

# 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

61.0256, 0.3350, 0.3658

### Protanopia

60.7279, 0.3427, 0.3629

### Deuteranopia

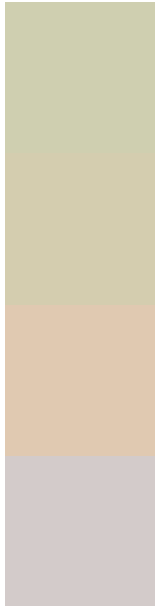
60.6393, 0.3577, 0.3502



## Tritanopia

60.9292, 0.3105, 0.3109

# Trichromacy



## Original Color

61.0256, 0.3350, 0.3658

## Protanomaly

60.7548, 0.3401, 0.3643

## Deuteranomaly

60.7949, 0.3492, 0.3565

## Tritanomaly

60.8250, 0.3196, 0.3302

# Monochromacy



## Original Color

61.0256, 0.3350, 0.3658

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.8734, 0.3206, 0.3420

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0256, 0.3350, 0.3658 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(207, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 176)  
}
```

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(207, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 176) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0256, 0.3350, 0.3658 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(207, 207, 176) }
```

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

```
.border{ border-color:rgb(207, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
176) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0256, 0.3350, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 176) }
```

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

```
.background{ background-color: rgb(207,  
207, 176) }
```

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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