

# Converting Colors

$Yxy(61.4207, 0.3248, 0.3478)$

Have a look what the booklet for  
Yxy(61.4207, 0.3248, 0.3478)  
contains.

<b>Yxy(61.1257, 0.3249, 0.3478)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(61.1257, 0.3249, 0.3478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFCEBE
RGB	207, 206, 190
RGB Percent	81%, 81%, 75%
CMY	0.1882, 0.1922, 0.2548
CMYK	0.00, 0.00, 0.08, 0.19
HSL	56°, 15%, 78%
HSV	56°, 8%, 81%
XYZ	57.1010, 61.1257, 57.5228
YIQ	204.4750, 5.7320, -4.7640

# Conversions

## Conversions Part 2

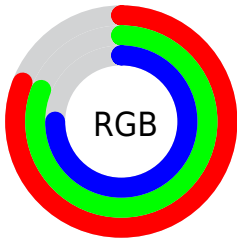
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 207, 190
Decimal	13618878
CIELab	82.45, -2.44, 8.05
CIELCh	82, 8.417, 106.863
Yxy	61.1257, 0.3249, 0.3478
Android (android.graphics.Color)	4291808958 (0xFFCFCEBE)
YUV	204.4750, -7.1362, 2.2144
Hunter-Lab	78.1829, -6.4523, 11.1056

# Details

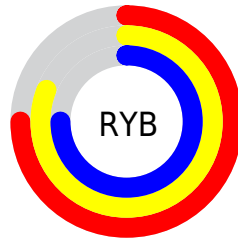
The Yxy color **61.1257, 0.3249, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7341, 0.3002, 0.3095**, and the grayscale version is **60.7460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.0349, 0.3280, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **59.7001, 0.3403, 0.3714**, and if you desaturate by 10%, it is **62.6898, 0.3101, 0.3250**.

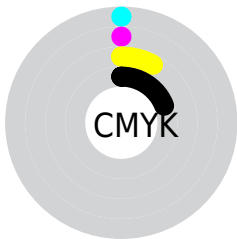
# Distribution



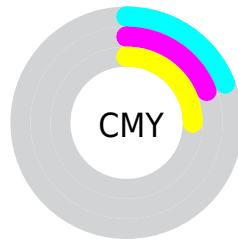
- Red (81%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1257, 0.3249, 0.3478 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 61.1257, 0.3249, 0.3478 by changing the saturation by 10% instead.



■ 61.1257, 0.3249,  
0.3478

■ 61.1257, 0.3249,  
0.3478

428.7347, 0.3191,  
0.3388

■ 44.3266, 0.3263,  
0.3499

■ 106.4609, 0.3229,  
0.3446

■ 30.9274, 0.3280,  
0.3526

135.7658, 0.3221,  
0.3434

■ 20.5435, 0.3302,  
0.3561

170.0082, 0.3214,  
0.3423

■ 12.7908, 0.3331,  
0.3609

209.5723, 0.3208,  
0.3414

■ 7.2846, 0.3372,  
0.3675

254.8426, 0.3203,  
0.3406

■ 3.6407, 0.3434,  
0.3777

306.2036, 0.3199,

■ 1.4747, 0.3536,

0.3399

0.3952

364.0395, 0.3195,  
0.3393

0.2708, 0.4221,  
0.5779

0.0000, 0.0000,  
0.0000

61.1257, 0.3249,  
0.3478

61.1257, 0.3249,  
0.3478

59.7001, 0.3403,  
0.3714

62.6898, 0.3101,  
0.3250

58.3995, 0.3560,  
0.3951

64.3895, 0.2962,  
0.3033

57.2209, 0.3715,  
0.4183

66.2322, 0.2833,  
0.2830

56.1580, 0.3862,  
0.4398

67.0200, 0.2816,  
0.2815

■ 55.2040, 0.3995,  
0.4589

■ 67.6292, 0.2817,  
0.2829

■ 54.3514, 0.4108,  
0.4745

■ 68.2431, 0.2818,  
0.2842

■ 53.5915, 0.4197,  
0.4860

■ 68.8616, 0.2819,  
0.2856

■ 52.9143, 0.4258,  
0.4931

■ 69.4847, 0.2819,  
0.2869

■ 52.3047, 0.4295,  
0.4963

■ 70.1125, 0.2820,  
0.2883

# Harmonies

## Analogous

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



61.1257, 0.3320, 0.3446



61.1257, 0.3249, 0.3478



61.1257, 0.3146, 0.3458

# Triad

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



61.1257, 0.3249, 0.3478



61.1257, 0.2921, 0.3201



61.1257, 0.3213, 0.3192

# Complementary

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



61.1257, 0.3249, 0.3478



52.7341, 0.3002, 0.3095

# 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.



61.1257, 0.3105, 0.3129



61.1257, 0.3249, 0.3478



61.1257, 0.2938, 0.3133

# Square

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



61.1257, 0.3249, 0.3478



61.1257, 0.2958, 0.3296



61.1257, 0.3005, 0.3107



61.1257, 0.3299, 0.3281



# Rectangle

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



61.1257, 0.3249, 0.3478



61.1257, 0.3074, 0.3418



61.1257, 0.3005, 0.3107



61.1257, 0.3178, 0.3167

# Sweetspot

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



61.1284, 0.3249, 0.3478



99.4839, 0.3157, 0.3336



53.8765, 0.3259, 0.3277



21.2991, 0.3155, 0.3334



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.



61.1284, 0.3249, 0.3478



97.5082, 0.3278, 0.3523



60.5777, 0.3191, 0.3493



13.6730, 0.3267, 0.3506



32.9354, 0.4299, 0.4968



1.8787, 0.4278, 0.4985



# Inverse Universe

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



52.7341, 0.3002, 0.3095



81.1154, 0.2970, 0.3046



53.2696, 0.3060, 0.3086



11.5281, 0.2982, 0.3064



3.0541, 0.1511, 0.0641

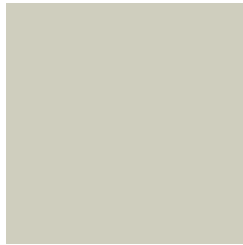


0.2110, 0.1548, 0.0772



# Previews

## White Background



This preview shows how the Yxy color 61.1257, 0.3249, 0.3478 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

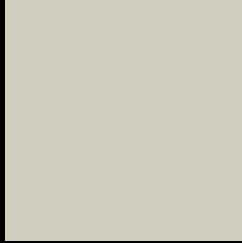
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1257, 0.3249, 0.3478 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

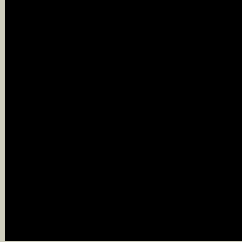
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

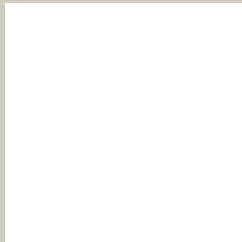
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.1257, 0.3249, 0.3478**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1257, 0.3249, 0.3478.



This preview shows how white text looks on a background with the Yxy color 61.1257, 0.3249, 0.3478.

# 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

61.1257, 0.3249, 0.3478

### Protanopia

60.8569, 0.3299, 0.3465

### Deuteranopia

61.0169, 0.3431, 0.3358



## Tritanopia

61.1519, 0.3082, 0.3108

# Trichromacy



## Original Color

61.1257, 0.3249, 0.3478

## Protanomaly

61.0384, 0.3281, 0.3478

## Deuteranomaly

61.0645, 0.3368, 0.3404

## Tritanomaly

60.9676, 0.3145, 0.3233

# Monochromacy



## Original Color

61.1257, 0.3249, 0.3478

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.7653, 0.3170, 0.3360

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1257, 0.3249, 0.3478 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, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 190)  
}
```

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, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1257, 0.3249, 0.3478 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, 206, 190) }
```

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

```
.border{ border-color:rgb(207, 206, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1257, 0.3249, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 190) }
```

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

```
.background{ background-color: rgb(207,  
206, 190) }
```

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