

# Converting Colors

$Yxy(60.6008, 0.3273, 0.3422)$

Have a look what the booklet for  
Yxy(60.6008, 0.3273, 0.3422)  
contains.

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# Color

**Yxy(60.5147, 0.3278, 0.3418)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | D4CBC0                    |
| RGB         | 212, 203, 192             |
| RGB Percent | 83%, 80%, 75%             |
| CMY         | 0.1684, 0.2040, 0.2470    |
| CMYK        | 0.00, 0.04, 0.09, 0.17    |
| HSL         | 33°, 19%, 79%             |
| HSV         | 33°, 9%, 83%              |
| XYZ         | 58.0360, 60.5147, 58.4964 |
| YIQ         | 204.4370, 8.8950, -1.5130 |

# Conversions

## Conversions Part 2

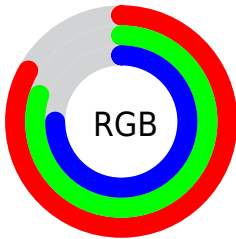
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 208, 212, 192                |
| Decimal                             | 13945792                     |
| CIE Lab                             | 82.12, 1.27, 6.58            |
| CIE LCh                             | 82, 6.701, 79.099            |
| Yxy                                 | 60.5147, 0.3278,<br>0.3418   |
| Android<br>(android.graphics.Color) | 4292135872<br>(0xFFD4CBC0)   |
| YUV                                 | 204.4370, -6.1314,<br>6.6328 |
| Hunter-Lab                          | 77.7912, -2.9649,<br>9.8697  |

# Details

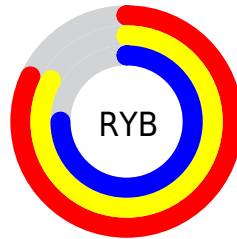
The Yxy color **60.5147, 0.3278, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7800, 0.2982, 0.3159**, and the grayscale version is **60.7164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **30.5271, 0.3308, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **55.2488, 0.3458, 0.3560**, and if you desaturate by 10%, it is **66.2022, 0.3119, 0.3283**.

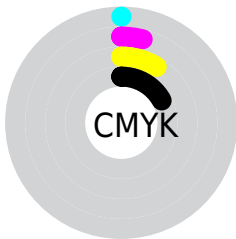
# Distribution



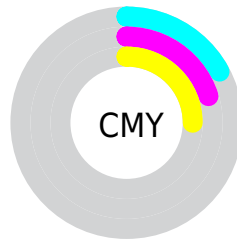
- Red (83%)
- Green (80%)
- Blue (75%)



- Red (82%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (20%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5147, 0.3278, 0.3418 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 60.5147, 0.3278, 0.3418 by changing the saturation by 10% instead.





 60.5147, 0.3278,  
0.3418

 60.5147, 0.3278,  
0.3418


426.4923, 0.3206,  
0.3357

 43.8336, 0.3295,  
0.3432


 105.5759, 0.3252,  
0.3396

 30.5397, 0.3317,  
0.3450


134.7249, 0.3243,  
0.3388

 20.2486, 0.3345,  
0.3474


168.7986, 0.3234,  
0.3381

 12.5759, 0.3382,  
0.3505

208.1815, 0.3227,  
0.3375

 7.1372, 0.3435,  
0.3549

253.2579, 0.3221,  
0.3370

 3.5480, 0.3516,  
0.3615

304.4123, 0.3215,

 1.4241, 0.3654,

0.3365

0.3726

362.0289, 0.3210,  
0.3361

0.2344, 0.5198,  
0.4802

0.0000, 0.0000,  
0.0000

60.5147, 0.3278,  
0.3418

60.5147, 0.3278,  
0.3418

55.2488, 0.3458,  
0.3560

66.2022, 0.3119,  
0.3283

50.3858, 0.3660,  
0.3707

72.3138, 0.2979,  
0.3157

45.9170, 0.3882,  
0.3853

78.8212, 0.2860,  
0.3046

41.8303, 0.4123,  
0.3991

84.3688, 0.2865,  
0.3148

■ 38.1130, 0.4376,  
0.4112

■ 90.2162, 0.2870,  
0.3248

■ 34.7511, 0.4631,  
0.4202

■ 92.7465, 0.2872,  
0.3289

■ 31.7297, 0.4874,  
0.4250

■ 29.0315, 0.5089,  
0.4246

■ 26.6317, 0.5271,  
0.4192

# Harmonies

## Analogous

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



60.5147, 0.3296, 0.3362



60.5147, 0.3278, 0.3418



60.5147, 0.3219, 0.3440

# Triad

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



60.5147, 0.3278, 0.3418



60.5147, 0.2988, 0.3289



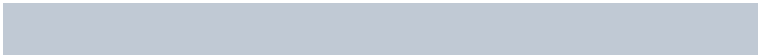
60.5147, 0.3116, 0.3164

# Complementary

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



60.5147, 0.3278, 0.3418



57.7800, 0.2982, 0.3159

# 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.



60.5147, 0.3035, 0.3144



60.5147, 0.3278, 0.3418



60.5147, 0.2961, 0.3215

# Square

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



60.5147, 0.3278, 0.3418



60.5147, 0.3052, 0.3365



60.5147, 0.2978, 0.3162



60.5147, 0.3202, 0.3216



# Rectangle

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



60.5147, 0.3278, 0.3418



60.5147, 0.3165, 0.3432



60.5147, 0.2978, 0.3162



60.5147, 0.3088, 0.3153

# Sweetspot

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



60.5174, 0.3278, 0.3418



97.3270, 0.3174, 0.3330



55.9451, 0.3219, 0.3181



20.6812, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

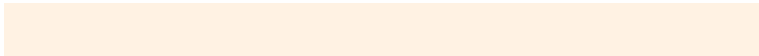


# Same Dimension

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



60.5174, 0.3278, 0.3418



90.4862, 0.3306, 0.3441



64.8325, 0.3262, 0.3521



13.5359, 0.3277, 0.3418



16.5569, 0.5261, 0.4204

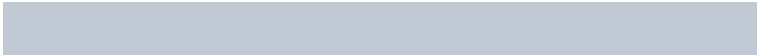


1.1631, 0.5028, 0.4390

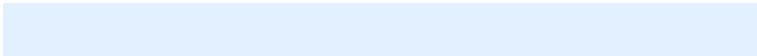


# Inverse Universe

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



57.7800, 0.2982, 0.3159



85.6572, 0.2955, 0.3134



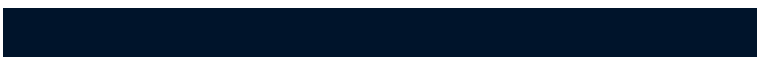
53.7562, 0.2986, 0.3048



12.9255, 0.2982, 0.3159



8.2922, 0.1732, 0.1434

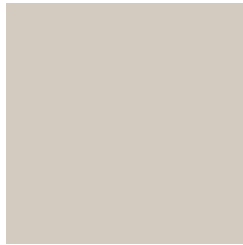


0.6643, 0.1824, 0.1766



# Previews

## White Background



This preview shows how the Yxy color 60.5147, 0.3278, 0.3418 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 60.5147, 0.3278, 0.3418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

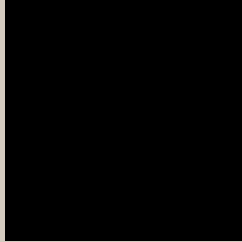
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

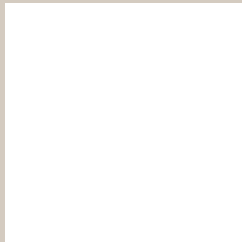
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.5147, 0.3278, 0.3418**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.5147, 0.3278, 0.3418.

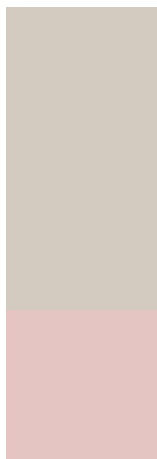


This preview shows how white text looks on a background with the Yxy color 60.5147, 0.3278, 0.3418.

# 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

60.5147, 0.3278, 0.3418

### Protanopia

60.3665, 0.3270, 0.3419

### Deuteranopia

60.2767, 0.3408, 0.3336



## Tritanopia

60.6619, 0.3135, 0.3121

# Trichromacy



## Original Color

60.5147, 0.3278, 0.3418

## Protanomaly

60.3665, 0.3270, 0.3419

## Deuteranomaly

60.2267, 0.3356, 0.3359

## Tritanomaly

60.5744, 0.3185, 0.3222

# Monochromacy



## Original Color

60.5147, 0.3278, 0.3418

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.6213, 0.3179, 0.3337

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5147, 0.3278, 0.3418 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(212, 203, 192) looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 192)  
}
```

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(212, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5147, 0.3278, 0.3418 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(212, 203, 192) }
```

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

```
.border{ border-color:rgb(212, 203, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5147, 0.3278, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 192) }
```

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

```
.background{ background-color: rgb(212,  
203, 192) }
```

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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