

# Converting Colors

Yxy(58.1434, 0.3388, 0.3442)

Have a look what the booklet for  
Yxy(58.1434, 0.3388, 0.3442)  
contains.

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# Color

**Yxy(58.1449, 0.3388, 0.3442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C5B8
RGB	217, 197, 184
RGB Percent	85%, 77%, 72%
CMY	0.1490, 0.2274, 0.2785
CMYK	0.00, 0.09, 0.15, 0.15
HSL	24°, 30%, 79%
HSV	24°, 15%, 85%
XYZ	57.2327, 58.1449, 53.5501
YIQ	201.4980, 16.0930, 0.1970

# Conversions

## Conversions Part 2

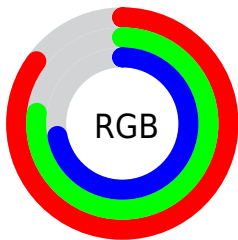
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 205, 184
Decimal	14271928
CIE Lab	80.82, 4.90, 9.06
CIE LCh	81, 10.299, 61.619
Yxy	58.1449, 0.3388, 0.3442
Android (android.graphics.Color)	4292462008 (0xFFD9C5B8)
YUV	201.4980, -8.6265, 13.5953
Hunter-Lab	76.2528, 0.5335, 11.7394

# Details

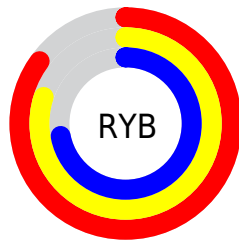
The Yxy color **58.1449, 0.3388, 0.3442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3801, 0.2892, 0.3133**, and the grayscale version is **58.7822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4349, 0.3215, 0.3425**, and **28.9650, 0.3459, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **51.5939, 0.3595, 0.3549**, and if you desaturate by 10%, it is **65.3613, 0.3210, 0.3340**.

# Distribution



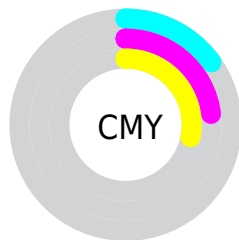
- Red (85%)
- Green (77%)
- Blue (72%)



- Red (85%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1449, 0.3388, 0.3442 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 58.1449, 0.3388, 0.3442 by changing the saturation by 10% instead.





 58.1449, 0.3388,  
0.3442

 58.1449, 0.3388,  
0.3442


417.7256, 0.3262,  
0.3370

 41.9252, 0.3418,  
0.3459


 102.1338, 0.3343,  
0.3417

 29.0427, 0.3457,  
0.3480


130.6718, 0.3326,  
0.3407

 19.1131, 0.3506,  
0.3507


164.0847, 0.3311,  
0.3399

 11.7520, 0.3574,  
0.3543

202.7568, 0.3299,  
0.3391

 6.5751, 0.3670,  
0.3593

247.0725, 0.3288,  
0.3385

 3.1978, 0.3818,  
0.3667

297.4163, 0.3278,

 1.2359, 0.4110,

0.3379

354.1726, 0.3269,  
0.3374

0.3818

0.0907, 0.6940,  
0.3060

0.0000, 0.0000,  
0.0000

58.1449, 0.3388,  
0.3442

58.1449, 0.3388,  
0.3442

51.5939, 0.3595,  
0.3549

65.3613, 0.3210,  
0.3340

45.6810, 0.3835,  
0.3657

73.2541, 0.3057,  
0.3245

40.3881, 0.4107,  
0.3762

81.8436, 0.2926,  
0.3158

35.6935, 0.4408,  
0.3854

90.0877, 0.2898,  
0.3234

■ 31.5739, 0.4730,  
0.3924

■ 93.4919, 0.2900,  
0.3289

■ 28.0042, 0.5055,  
0.3958

■ 24.9570, 0.5361,  
0.3943

■ 22.4013, 0.5621,  
0.3876

■ 21.3349, 0.5731,  
0.3832

# Harmonies

## Analogous

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



58.1449, 0.3374, 0.3335



58.1449, 0.3388, 0.3442



58.1449, 0.3330, 0.3511

# Triad

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



58.1449, 0.3388, 0.3442



58.1449, 0.2963, 0.3360



58.1449, 0.3033, 0.3070

# Complementary

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



58.1449, 0.3388, 0.3442



58.3801, 0.2892, 0.3133

# 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.



58.1449, 0.2926, 0.3072



58.1449, 0.3388, 0.3442



58.1449, 0.2886, 0.3237

# Square

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



58.1449, 0.3388, 0.3442



58.1449, 0.3084, 0.3465



58.1449, 0.2873, 0.3132



58.1449, 0.3167, 0.3124



# Rectangle

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



58.1449, 0.3388, 0.3442



58.1449, 0.3260, 0.3525



58.1449, 0.2873, 0.3132



58.1449, 0.2992, 0.3064

# Sweetspot

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



58.1475, 0.3388, 0.3442



94.3764, 0.3207, 0.3339



53.4069, 0.3244, 0.3056



20.0356, 0.3219, 0.3346



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

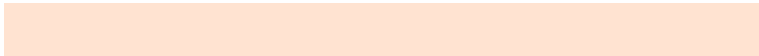


# Same Dimension

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



58.1475, 0.3388, 0.3442



80.9129, 0.3446, 0.3473



65.8764, 0.3360, 0.3623



13.8894, 0.3282, 0.3383



13.1074, 0.5705, 0.3852



1.0142, 0.5405, 0.4091

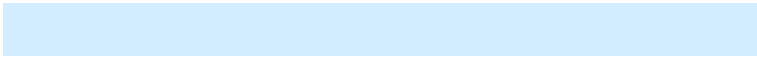


# Inverse Universe

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



58.3801, 0.2892, 0.3133



81.3037, 0.2845, 0.3100



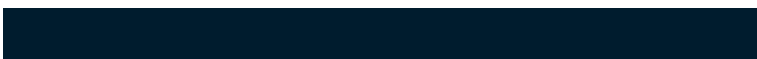
51.0997, 0.2884, 0.2933



13.9231, 0.2982, 0.3196



13.1447, 0.1875, 0.1950



1.0178, 0.1942, 0.2192



# Previews

## White Background



This preview shows how the Yxy color 58.1449, 0.3388, 0.3442 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 58.1449, 0.3388, 0.3442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

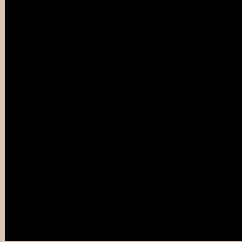
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.1449, 0.3388, 0.3442**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.1449, 0.3388, 0.3442.



This preview shows how white text looks on a background with the Yxy color 58.1449, 0.3388, 0.3442.

# 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

58.1449, 0.3388, 0.3442

### Protanopia

58.2636, 0.3294, 0.3456

### Deuteranopia

58.2551, 0.3461, 0.3393



## Tritanopia

57.9096, 0.3232, 0.3121

# Trichromacy



## Original Color

58.1449, 0.3388, 0.3442

## Protanomaly

58.1985, 0.3328, 0.3456

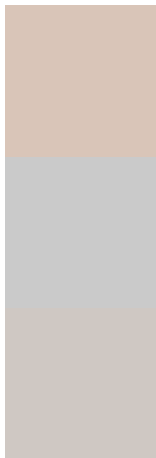
## Deuteranomaly

58.2210, 0.3434, 0.3405

## Tritanomaly

57.7672, 0.3292, 0.3233

# Monochromacy



## Original Color

58.1449, 0.3388, 0.3442

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

58.5141, 0.3219, 0.3349

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.1449, 0.3388, 0.3442 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(217, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 184)  
}
```

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(217, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 58.1449, 0.3388, 0.3442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

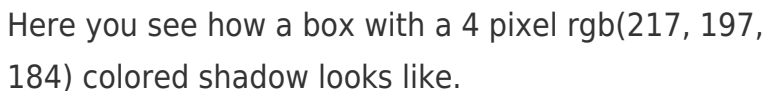
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 197, 184) }
```

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

```
.border{ border-color:rgb(217, 197, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 197, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 197, 184); box-shadow:4px 4px 4px 4px rgb(217, 197, 184) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.1449, 0.3388, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 184) }
```

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

```
.background{ background-color: rgb(217,  
197, 184) }
```

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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