

# Converting Colors

Yxy(60.3938, 0.3328, 0.3409)

Have a look what the booklet for  
Yxy(60.3938, 0.3328, 0.3409)  
contains.

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# Color

**Yxy(60.2866, 0.3328, 0.3406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9C9BF
RGB	217, 201, 191
RGB Percent	85%, 79%, 75%
CMY	0.1490, 0.2117, 0.2511
CMYK	0.00, 0.07, 0.12, 0.15
HSL	23°, 26%, 80%
HSV	23°, 12%, 85%
XYZ	58.9060, 60.2866, 57.8086
YIQ	204.6440, 12.7460, 0.2820

# Conversions

## Conversions Part 2

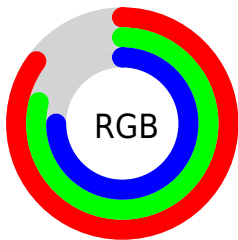
Format	Color
R <sub>Y</sub> B	217, 207, 191
Decimal	14272959
CIE Lab	81.99, 3.91, 7.01
CIE LCh	82, 8.024, 60.849
Yxy	60.2866, 0.3328, 0.3406
Android (android.graphics.Color)	4292463039 (0xFFD9C9BF)
YUV	204.6440, -6.7265, 10.8362
Hunter-Lab	77.6444, -0.4564, 10.2080

# Details

The Yxy color **60.2866, 0.3328, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7020, 0.2942, 0.3171**, and the grayscale version is **60.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **30.3838, 0.3376, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **53.4502, 0.3526, 0.3509**, and if you desaturate by 10%, it is **67.8104, 0.3158, 0.3309**.

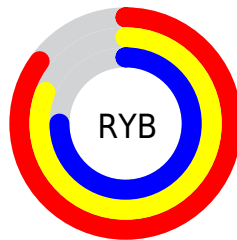
# Distribution



Red (85%)

Green (79%)

Blue (75%)



Red (85%)

Yellow (81%)

Blue (75%)

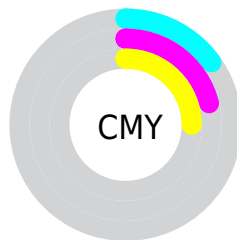


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (21%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2866, 0.3328, 0.3406 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 60.2866, 0.3328, 0.3406 by changing the saturation by 10% instead.





 60.2866, 0.3328,  
0.3406

 60.2866, 0.3328,  
0.3406


425.6534, 0.3232,  
0.3351

 43.6497, 0.3351,  
0.3419


 105.2453, 0.3294,  
0.3387

 30.3952, 0.3380,  
0.3435


134.3359, 0.3281,  
0.3379

 20.1387, 0.3417,  
0.3455


168.3465, 0.3270,  
0.3373

 12.4959, 0.3468,  
0.3483

207.6615, 0.3260,  
0.3367

 7.0824, 0.3540,  
0.3521

252.6653, 0.3251,  
0.3363

 3.5137, 0.3649,  
0.3577

303.7422, 0.3244,

 1.4054, 0.3837,

0.3358

361.2768, 0.3237,  
0.3355

0.3668

0.2207, 0.5803,  
0.4197

0.0000, 0.0000,  
0.0000

60.2866, 0.3328,  
0.3406

60.2866, 0.3328,  
0.3406

53.4502, 0.3526,  
0.3509

67.8104, 0.3158,  
0.3309

47.2732, 0.3757,  
0.3615

76.0325, 0.3013,  
0.3218

41.7374, 0.4020,  
0.3719

84.9039, 0.2895,  
0.3146

36.8208, 0.4315,  
0.3814

93.0964, 0.2900,  
0.3283

■ 32.4998, 0.4636,  
0.3891

■ 93.4933, 0.2900,  
0.3289

■ 28.7493, 0.4967,  
0.3935

■ 25.5417, 0.5286,  
0.3936

■ 22.8466, 0.5567,  
0.3884

■ 21.0289, 0.5756,  
0.3812

# Harmonies

## Analogous

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



60.2866, 0.3316, 0.3323



60.2866, 0.3328, 0.3406



60.2866, 0.3285, 0.3459

# Triad

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



60.2866, 0.3328, 0.3406



60.2866, 0.3003, 0.3346



60.2866, 0.3052, 0.3119

# Complementary

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



60.2866, 0.3328, 0.3406



60.7020, 0.2942, 0.3171

# 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.



60.2866, 0.2970, 0.3122



60.2866, 0.3328, 0.3406



60.2866, 0.2942, 0.3252

# Square

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



60.2866, 0.3328, 0.3406



60.2866, 0.3097, 0.3426



60.2866, 0.2930, 0.3170



60.2866, 0.3155, 0.3160



# Rectangle

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



60.2866, 0.3328, 0.3406



60.2866, 0.3232, 0.3470



60.2866, 0.2930, 0.3170



60.2866, 0.3021, 0.3115

# Sweetspot

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



60.2893, 0.3328, 0.3406



95.4240, 0.3191, 0.3328



56.5120, 0.3217, 0.3107



20.2444, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

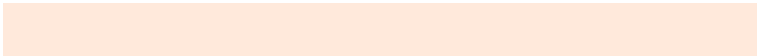


# Same Dimension

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



60.2893, 0.3328, 0.3406



84.6961, 0.3368, 0.3428



66.5937, 0.3310, 0.3551



13.8696, 0.3282, 0.3381



12.9185, 0.5730, 0.3832



1.0008, 0.5427, 0.4073

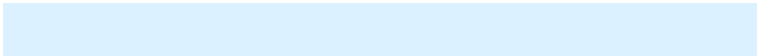


# Inverse Universe

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



60.7020, 0.2942, 0.3171



85.3857, 0.2909, 0.3148



54.6742, 0.2939, 0.3014



13.9435, 0.2982, 0.3198



13.4683, 0.1884, 0.1983



1.0376, 0.1950, 0.2219



# Previews

## White Background



This preview shows how the Yxy color 60.2866, 0.3328, 0.3406 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 60.2866, 0.3328, 0.3406 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

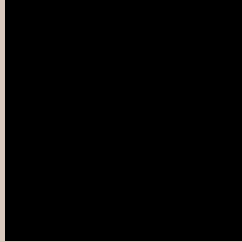
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.2866, 0.3328, 0.3406**

## Background



This preview shows how black text looks on a background with the Yxy color 60.2866, 0.3328, 0.3406.

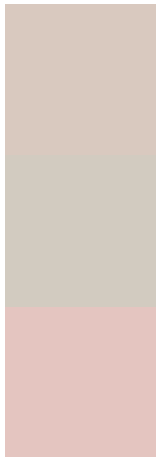


This preview shows how white text looks on a background with the Yxy color 60.2866, 0.3328, 0.3406.

# 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

60.2866, 0.3328, 0.3406

### Protanopia

60.2193, 0.3262, 0.3419

### Deuteranopia

60.2323, 0.3416, 0.3347



## Tritanopia

60.4079, 0.3190, 0.3122

# Trichromacy



## Original Color

60.2866, 0.3328, 0.3406

## Protanomaly

60.1930, 0.3287, 0.3407

## Deuteranomaly

60.0412, 0.3382, 0.3359

## Tritanomaly

60.3147, 0.3241, 0.3222

# Monochromacy



## Original Color

60.2866, 0.3328, 0.3406

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

60.9112, 0.3194, 0.3337

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.2866, 0.3328, 0.3406 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, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 191)  
}
```

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, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 60.2866, 0.3328, 0.3406 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, 201, 191) }
```

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

```
.border{ border-color:rgb(217, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.2866, 0.3328, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 191) }
```

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

```
.background{ background-color: rgb(217,  
201, 191) }
```

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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