

# Converting Colors

$Yxy(59.0877, 0.3301, 0.3463)$

Have a look what the booklet for  
Yxy(59.0877, 0.3301, 0.3463)  
contains.

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# Color

**Yxy(59.0628, 0.3301, 0.3455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2C9BB
RGB	210, 201, 187
RGB Percent	82%, 79%, 73%
CMY	0.1766, 0.2117, 0.2665
CMYK	0.00, 0.04, 0.11, 0.18
HSL	37°, 20%, 78%
HSV	37°, 11%, 82%
XYZ	56.4302, 59.0628, 55.4558
YIQ	202.0950, 9.8580, -2.4460

# Conversions

## Conversions Part 2

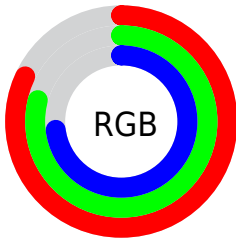
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 210, 187
Decimal	13814203
CIE Lab	81.33, 0.73, 8.08
CIE LCh	81, 8.116, 84.854
Yxy	59.0628, 0.3301, 0.3455
Android (android.graphics.Color)	4292004283 (0xFFD2C9BB)
YUV	202.0950, -7.4418, 6.9327
Hunter-Lab	76.8523, -3.4248, 11.0136

# Details

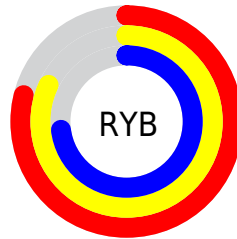
The Yxy color **59.0628, 0.3301, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6935, 0.2958, 0.3119**, and the grayscale version is **59.1678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **29.5572, 0.3340, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **54.5097, 0.3479, 0.3614**, and if you desaturate by 10%, it is **63.9566, 0.3141, 0.3304**.

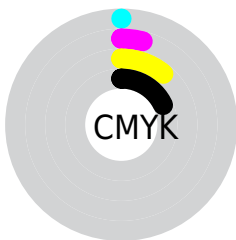
# Distribution



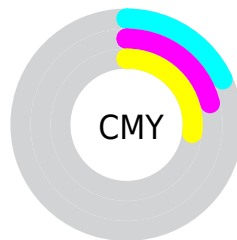
- Red (82%)
- Green (79%)
- Blue (73%)



- Red (79%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (18%)




- Cyan (18%)
- Magenta (21%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0628, 0.3301, 0.3455 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 59.0628, 0.3301, 0.3455 by changing the saturation by 10% instead.




 59.0628, 0.3301,  
0.3455

 59.0628, 0.3301,  
0.3455


421.1346, 0.3217,  
0.3376

 42.6637, 0.3321,  
0.3474


 103.4689, 0.3271,  
0.3427

 29.6213, 0.3346,  
0.3497


132.2447, 0.3260,  
0.3416

 19.5513, 0.3379,  
0.3528


165.9149, 0.3250,  
0.3407

 12.0693, 0.3422,  
0.3569

204.8638, 0.3242,  
0.3399

 6.7909, 0.3485,  
0.3627

249.4758, 0.3235,  
0.3392

 3.3317, 0.3580,  
0.3716

300.1353, 0.3228,

 1.3073, 0.3752,

0.3386

357.2268, 0.3223,  
0.3381

0.3876

0.1468, 0.5173,  
0.4827

0.0000, 0.0000,  
0.0000

59.0628, 0.3301,  
0.3455

59.0628, 0.3301,  
0.3455

54.5097, 0.3479,  
0.3614

63.9566, 0.3141,  
0.3304

50.2807, 0.3676,  
0.3776

69.1917, 0.2999,  
0.3161

46.3690, 0.3889,  
0.3936

74.7787, 0.2873,  
0.3029

42.7647, 0.4115,  
0.4086

79.6504, 0.2849,  
0.3067

■ 39.4573, 0.4345,  
0.4216

■ 84.4214, 0.2853,  
0.3154

■ 36.4351, 0.4571,  
0.4313

■ 89.4112, 0.2858,  
0.3240

■ 33.6853, 0.4781,  
0.4368

■ 92.4370, 0.2860,  
0.3289

■ 31.1932, 0.4961,  
0.4370

■ 29.1336, 0.5099,  
0.4333

# Harmonies

## Analogous

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



59.0628, 0.3334, 0.3393



59.0628, 0.3301, 0.3455



59.0628, 0.3221, 0.3473

# Triad

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



59.0628, 0.3301, 0.3455



59.0628, 0.2947, 0.3270



59.0628, 0.3134, 0.3146

# Complementary

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



59.0628, 0.3301, 0.3455



54.6935, 0.2958, 0.3119

# 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.



59.0628, 0.3032, 0.3113



59.0628, 0.3301, 0.3455



59.0628, 0.2925, 0.3182

# Square

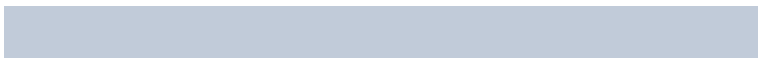
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0628, 0.3301, 0.3455



59.0628, 0.3017, 0.3366



59.0628, 0.2955, 0.3126



59.0628, 0.3237, 0.3216



# Rectangle

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



59.0628, 0.3301, 0.3455



59.0628, 0.3153, 0.3457



59.0628, 0.2955, 0.3126



59.0628, 0.3099, 0.3130

# Sweetspot

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



59.0654, 0.3301, 0.3455



97.6262, 0.3173, 0.3335



53.2453, 0.3247, 0.3182



20.7620, 0.3186, 0.3347



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

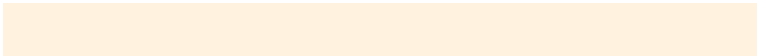


# Same Dimension

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



59.0654, 0.3301, 0.3455



90.0645, 0.3339, 0.3490



63.0294, 0.3271, 0.3559



12.9904, 0.3276, 0.3432



17.9775, 0.5083, 0.4346



1.1571, 0.4877, 0.4510

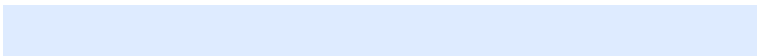


# Inverse Universe

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



54.6935, 0.2958, 0.3119



82.0237, 0.2922, 0.3082



51.0652, 0.2974, 0.3009



12.1639, 0.2982, 0.3144



6.7006, 0.1680, 0.1247

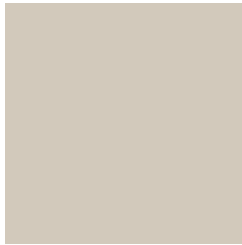


0.5272, 0.1783, 0.1618



# Previews

## White Background



This preview shows how the Yxy color 59.0628, 0.3301, 0.3455 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 59.0628, 0.3301, 0.3455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

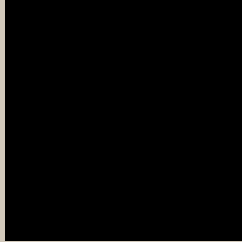
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

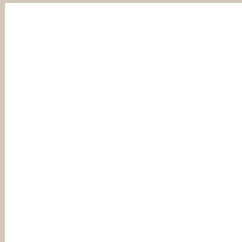
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.0628, 0.3301, 0.3455**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.0628, 0.3301, 0.3455.

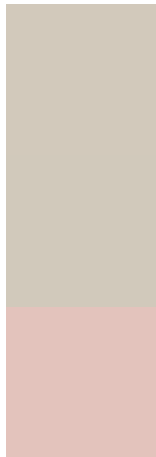


This preview shows how white text looks on a background with the Yxy color 59.0628, 0.3301, 0.3455.

# 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

59.0628, 0.3301, 0.3455

### Protanopia

58.9165, 0.3293, 0.3456

### Deuteranopia

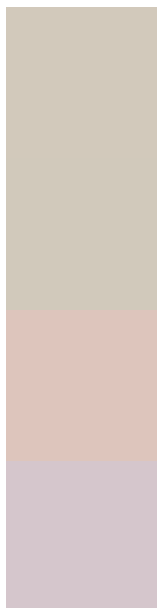
58.9919, 0.3443, 0.3370



## Tritanopia

59.0327, 0.3144, 0.3108

# Trichromacy



## Original Color

59.0628, 0.3301, 0.3455

## Protanomaly

58.9165, 0.3293, 0.3456

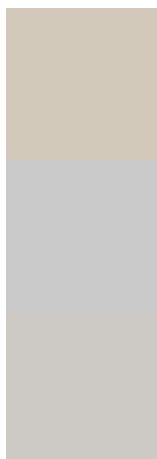
## Deuteranomaly

58.9355, 0.3390, 0.3394

## Tritanomaly

58.8939, 0.3201, 0.3221

# Monochromacy



## Original Color

59.0628, 0.3301, 0.3455

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

59.2514, 0.3187, 0.3349

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.0628, 0.3301, 0.3455 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(210, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 187)  
}
```

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(210, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 59.0628, 0.3301, 0.3455 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(210, 201, 187) }
```

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

```
.border{ border-color:rgb(210, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 201, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 201, 187); box-shadow:4px 4px 4px 4px rgb(210, 201, 187) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.0628, 0.3301, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 187) }
```

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

```
.background{ background-color: rgb(210,  
201, 187) }
```

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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