

Converting Colors

Yxy(51.8005, 0.3307, 0.3249)

Have a look what the booklet for
Yxy(51.8005, 0.3307, 0.3249)
contains.

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Color

Yxy(51.8841, 0.3307, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9BC
RGB	209, 185, 188
RGB Percent	82%, 73%, 74%
CMY	0.1805, 0.2744, 0.2628
CMYK	0.00, 0.11, 0.10, 0.18
HSL	353°, 21%, 77%
HSV	353°, 11%, 82%
XYZ	52.7130, 51.8841, 54.8011
YIQ	192.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

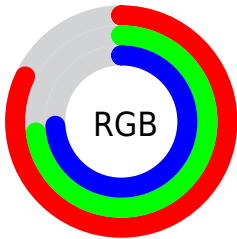
Format	Color
R _Y B	209, 185, 188
Decimal	13744572
CIE Lab	77.21, 9.03, 1.62
CIE LCh	77, 9.170, 10.179
Yxy	51.8841, 0.3307, 0.3255
Android (android.graphics.Color)	4291934652 (0xFFD1B9BC)
YUV	192.5180, -2.2274, 14.4547
Hunter-Lab	72.0306, 4.5751, 5.3134

Details

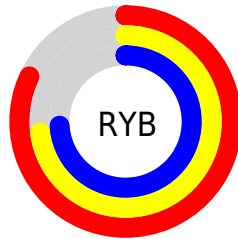
The Yxy color $51.8841, 0.3307, 0.3255$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.3611, 0.2972, 0.3325$, and the grayscale version is $53.0374, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7022, 0.3201, 0.3261$, and $25.1218, 0.3350, 0.3243$ is the 20% darker color. If you saturate the color by 10%, you get $43.0348, 0.3505, 0.3222$, and if you desaturate by 10%, it is $62.1232, 0.3148, 0.3286$.

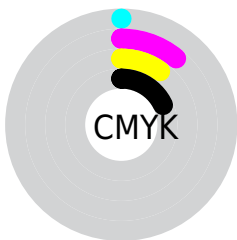
Distribution



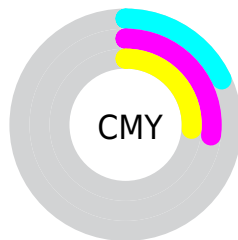
- Red (82%)
- Green (73%)
- Blue (74%)



- Red (82%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (18%)




- Cyan (18%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8841, 0.3307, 0.3255 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 51.8841, 0.3307, 0.3255 by changing the saturation by 10% instead.


 51.8841, 0.3307,
0.3255

 51.8841, 0.3307,
0.3255


393.9890, 0.3218,
0.3273

 36.9127, 0.3329,
0.3251


 92.9603, 0.3275,
0.3261

 25.1399, 0.3356,
0.3245


119.8339, 0.3263,
0.3264

 16.1813, 0.3393,
0.3237


151.4436, 0.3253,
0.3266

 9.6526, 0.3443,
0.3227

188.1740, 0.3244,
0.3268

 5.1692, 0.3517,
0.3211

230.4093, 0.3236,
0.3269

 2.3469, 0.3635,
0.3184

278.5340, 0.3230,

 0.7984, 0.3883,

0.3270

0.3142

332.9324, 0.3224,
0.3272

0.0000, 0.0000,
0.0000

51.8841, 0.3307,
0.3255

51.8841, 0.3307,
0.3255

43.0348, 0.3505,
0.3222

62.1232, 0.3148,
0.3286

35.5090, 0.3750,
0.3189

73.8013, 0.3019,
0.3314

29.2450, 0.4050,
0.3157

86.9735, 0.2916,
0.3340

24.1736, 0.4410,
0.3130

92.2915, 0.2855,
0.3289

20.2189, 0.4822,
0.3112

■ 17.2964, 0.5265,
0.3112

■ 15.3092, 0.5693,
0.3133

■ 14.1423, 0.6046,
0.3178

■ 13.6254, 0.6258,
0.3221

Harmonies

Analogous

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



51.8841, 0.3199, 0.3158



51.8841, 0.3307, 0.3255



51.8841, 0.3366, 0.3362

Triad

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



51.8841, 0.3307, 0.3255



51.8841, 0.3177, 0.3494



51.8841, 0.2900, 0.3123

Complementary

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



51.8841, 0.3307, 0.3255



60.3611, 0.2972, 0.3325

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.



51.8841, 0.2894, 0.3210



51.8841, 0.3307, 0.3255



51.8841, 0.3053, 0.3428

Square

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



51.8841, 0.3307, 0.3255



51.8841, 0.3290, 0.3503



51.8841, 0.2950, 0.3322



51.8841, 0.2965, 0.3082

Rectangle

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



51.8841, 0.3307, 0.3255



51.8841, 0.3369, 0.3427



51.8841, 0.2950, 0.3322



51.8841, 0.2891, 0.3147

Sweetspot

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



51.8864, 0.3307, 0.3255



94.7915, 0.3170, 0.3281



52.3974, 0.3114, 0.3008



19.9988, 0.3183, 0.3279



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.



51.8864, 0.3307, 0.3255



77.4461, 0.3356, 0.3246



55.5500, 0.3318, 0.3395



11.8317, 0.3271, 0.3262



8.4113, 0.6234, 0.3208



0.4784, 0.5837, 0.2989

Inverse Universe

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



51.8864, 0.3307, 0.3255



77.4461, 0.3356, 0.3246



56.3149, 0.2951, 0.3182



11.8317, 0.3271, 0.3262



8.4113, 0.6234, 0.3208



0.4784, 0.5837, 0.2989

Previews

White Background



This preview shows how the Yxy color 51.8841, 0.3307, 0.3255 looks on a white background.

Color Contrast Check

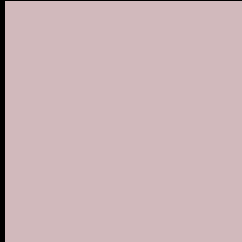
Large Text (above 18pt) WCAG AA × Fail

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 51.8841, 0.3307, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

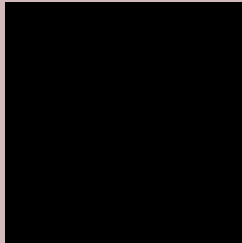
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8841, 0.3307, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 51.8841, 0.3307, 0.3255.



This preview shows how white text looks on a background with the Yxy color 51.8841, 0.3307, 0.3255.

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

51.8841, 0.3307, 0.3255

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

52.0304, 0.3316, 0.3255



Tritanopia

51.6458, 0.3237, 0.3113

Trichromacy



Original Color

51.8841, 0.3307, 0.3255

Protanomaly

51.8263, 0.3203, 0.3266

Deuteranomaly

52.0304, 0.3316, 0.3255

Tritanomaly

51.8777, 0.3268, 0.3172

Monochromacy



Original Color

51.8841, 0.3307, 0.3255

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7306, 0.3193, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8841, 0.3307, 0.3255 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(209, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 185, 188)  
}
```

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(209, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.8841, 0.3307, 0.3255 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(209, 185, 188) }
```

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

```
.border{ border-color:rgb(209, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8841, 0.3307, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 185, 188) }
```

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

```
.background{ background-color: rgb(209,  
185, 188) }
```

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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