

Converting Colors

$Yxy(53.8315, 0.3361, 0.3355)$

Have a look what the booklet for
Yxy(53.8315, 0.3361, 0.3355)
contains.

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Color

Yxy(53.8529, 0.3359, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDB8
RGB	212, 189, 184
RGB Percent	83%, 74%, 72%
CMY	0.1687, 0.2588, 0.2784
CMYK	0.00, 0.11, 0.13, 0.17
HSL	11°, 25%, 78%
HSV	11°, 13%, 83%
XYZ	53.9976, 53.8529, 52.9044
YIQ	195.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

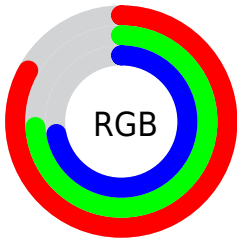
Format	Color
RYB	212, 190, 184
Decimal	13942200
CIELab	78.38, 7.32, 5.49
CIELCh	78, 9.145, 36.857
Yxy	53.8529, 0.3359, 0.3350
Android (android.graphics.Color)	4292132280 (0xFFD4BDB8)
YUV	195.3070, -5.5744, 14.6398
Hunter-Lab	73.3845, 2.9204, 8.6258

Details

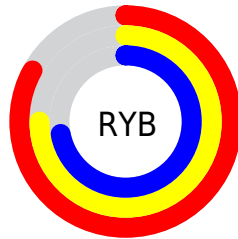
The Yxy color **53.8529, 0.3359, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5639, 0.2926, 0.3229**, and the grayscale version is **54.7934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8561, 0.3222, 0.3339**, and **26.4151, 0.3420, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **45.9844, 0.3579, 0.3399**, and if you desaturate by 10%, it is **62.7588, 0.3178, 0.3304**.

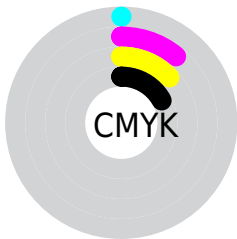
Distribution



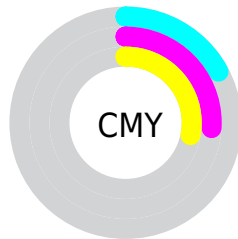
- Red (83%)
- Green (74%)
- Blue (72%)



- Red (83%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8529, 0.3359, 0.3350 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 53.8529, 0.3359, 0.3350 by changing the saturation by 10% instead.

 53.8529, 0.3359,
0.3350

 53.8529, 0.3359,
0.3350


401.5488, 0.3245,
0.3322

 38.4841, 0.3387,
0.3357

 95.8582, 0.3318,
0.3340

 26.3586, 0.3422,
0.3365


123.2635, 0.3303,
0.3336

 17.0921, 0.3468,
0.3375


155.4497, 0.3290,
0.3333

 10.3002, 0.3532,
0.3389

192.8013, 0.3278,
0.3330

 5.5984, 0.3625,
0.3407

235.7026, 0.3268,
0.3328

 2.6025, 0.3772,
0.3434

284.5380, 0.3260,

 0.9279, 0.4099,

0.3326

0.3524

339.6920, 0.3252,
0.3324

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8529, 0.3359,
0.3350

53.8529, 0.3359,
0.3350

45.9844, 0.3579,
0.3399

62.7588, 0.3178,
0.3304

39.1084, 0.3844,
0.3449

72.7306, 0.3029,
0.3261

33.1876, 0.4160,
0.3497

83.8045, 0.2906,
0.3223

28.1792, 0.4527,
0.3539

92.7341, 0.2871,
0.3289

■ 24.0373, 0.4936,
0.3566

■ 20.7122, 0.5360,
0.3570

■ 18.1484, 0.5755,
0.3544

■ 16.2837, 0.6069,
0.3485

■ 15.3713, 0.6226,
0.3438

Harmonies

Analogous

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



53.8529, 0.3294, 0.3244



53.8529, 0.3359, 0.3350



53.8529, 0.3360, 0.3443

Triad

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



53.8529, 0.3359, 0.3350



53.8529, 0.3067, 0.3435



53.8529, 0.2958, 0.3087

Complementary

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



53.8529, 0.3359, 0.3350



59.5639, 0.2926, 0.3229

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.



53.8529, 0.2899, 0.3133



53.8529, 0.3359, 0.3350



53.8529, 0.2962, 0.3334

Square

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



53.8529, 0.3359, 0.3350



53.8529, 0.3190, 0.3495



53.8529, 0.2901, 0.3223



53.8529, 0.3062, 0.3094

Rectangle

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



53.8529, 0.3359, 0.3350



53.8529, 0.3324, 0.3485



53.8529, 0.2901, 0.3223



53.8529, 0.2932, 0.3096

Sweetspot

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



53.8553, 0.3359, 0.3350



94.1307, 0.3192, 0.3308



52.8027, 0.3179, 0.3019



19.9179, 0.3205, 0.3311



0.0000, 0.0000, 0.0000



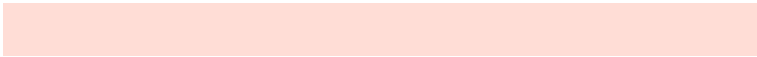
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8553, 0.3359, 0.3350



78.0954, 0.3420, 0.3364



60.0065, 0.3337, 0.3509



12.7759, 0.3287, 0.3332



9.5958, 0.6206, 0.3454



0.6893, 0.5889, 0.3706

Inverse Universe

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



59.5639, 0.2926, 0.3229



88.5050, 0.2881, 0.3214



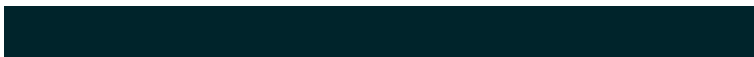
53.2344, 0.2921, 0.3061



13.7130, 0.2983, 0.3247



21.7896, 0.2087, 0.2713



1.4152, 0.2118, 0.2823

Previews

White Background



This preview shows how the Yxy color 53.8529, 0.3359, 0.3350 looks on a white background.

Color Contrast Check

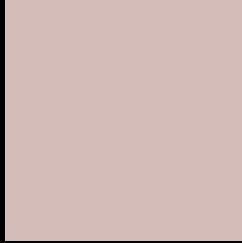
Large Text (above 18pt) WCAG AA × Fail

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 53.8529, 0.3359, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

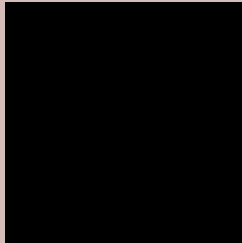
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8529, 0.3359, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 53.8529, 0.3359, 0.3350.

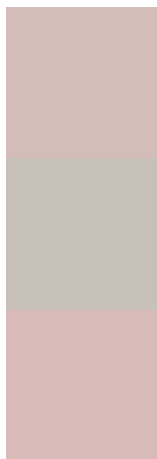


This preview shows how white text looks on a background with the Yxy color 53.8529, 0.3359, 0.3350.

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

53.8529, 0.3359, 0.3350

Protanopia

53.8272, 0.3229, 0.3376

Deuteranopia

53.6003, 0.3397, 0.3326



Tritanopia

53.6310, 0.3244, 0.3116

Trichromacy



Original Color

53.8529, 0.3359, 0.3350

Protanomaly

54.0394, 0.3280, 0.3375

Deuteranomaly

53.8742, 0.3387, 0.3338

Tritanomaly

53.6269, 0.3282, 0.3197

Monochromacy



Original Color

53.8529, 0.3359, 0.3350

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3190, 0.3207, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8529, 0.3359, 0.3350 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, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 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(212, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.8529, 0.3359, 0.3350 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, 189, 184) }
```

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

```
.border{ border-color:rgb(212, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8529, 0.3359, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 184) }
```

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

```
.background{ background-color: rgb(212,  
189, 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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