

Converting Colors

$Yxy(51.0133, 0.3330, 0.3339)$

Have a look what the booklet for
Yxy(51.0133, 0.3330, 0.3339)
contains.

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Color

Yxy(51.0133, 0.3330, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	CDB9B5
RGB	205, 185, 181
RGB Percent	80%, 73%, 71%
CMY	0.1959, 0.2745, 0.2901
CMYK	0.00, 0.10, 0.12, 0.20
HSL	10°, 19%, 76%
HSV	10°, 12%, 80%
XYZ	50.8758, 51.0133, 50.8911
YIQ	190.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

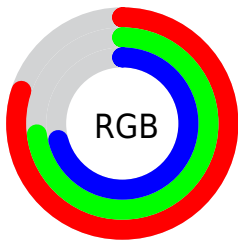
Format	Color
R _Y B	205, 186, 181
Decimal	13482421
CIE Lab	76.69, 6.46, 4.59
CIE LCh	77, 7.924, 35.429
Yxy	51.0133, 0.3330, 0.3339
Android (android.graphics.Color)	4291672501 (0xFFCDB9B5)
YUV	190.5240, -4.6953, 12.6955
Hunter-Lab	71.4236, 2.1562, 7.7509

Details

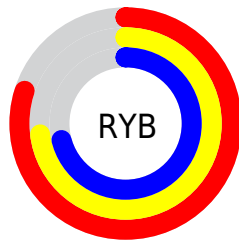
The Yxy color **51.0133, 0.3330, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0415, 0.2948, 0.3240**, and the grayscale version is **51.8366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2850, 0.3244, 0.3329**, and **24.6404, 0.3393, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **43.5001, 0.3544, 0.3384**, and if you desaturate by 10%, it is **59.5168, 0.3154, 0.3297**.

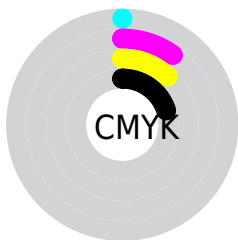
Distribution



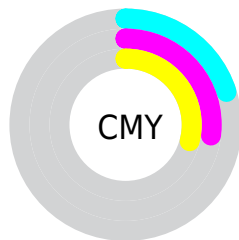
- Red (80%)
- Green (73%)
- Blue (71%)



- Red (80%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0133, 0.3330, 0.3339 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 51.0133, 0.3330, 0.3339 by changing the saturation by 10% instead.


 51.0133, 0.3330,
0.3339

 51.0133, 0.3330,
0.3339


390.6155, 0.3230,
0.3316

 36.2192, 0.3355,
0.3344


 91.6744, 0.3294,
0.3331

 24.6035, 0.3386,
0.3351


118.3102, 0.3280,
0.3328

 15.7819, 0.3428,
0.3360


149.6621, 0.3269,
0.3325

 9.3700, 0.3486,
0.3372

186.1143, 0.3259,
0.3323

 4.9833, 0.3571,
0.3388

228.0514, 0.3250,
0.3321

 2.2375, 0.3710,
0.3412

275.8577, 0.3242,

 0.7403, 0.4128,

0.3319

0.3548

329.9176, 0.3236,
0.3317

0.0000, 0.0000,
0.0000

51.0133, 0.3330,
0.3339

51.0133, 0.3330,
0.3339

43.5001, 0.3544,
0.3384

59.5168, 0.3154,
0.3297

36.9347, 0.3803,
0.3430

69.0380, 0.3009,
0.3258

31.2813, 0.4114,
0.3475

79.6114, 0.2890,
0.3223

26.4992, 0.4476,
0.3515

90.7395, 0.2832,
0.3273

22.5447, 0.4884,
0.3542

91.7248, 0.2833,
0.3289

■ 19.3703, 0.5312,
0.3549

■ 16.9235, 0.5719,
0.3528

■ 15.1450, 0.6049,
0.3477

■ 14.1226, 0.6244,
0.3424

Harmonies

Analogous

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



51.0133, 0.3271, 0.3245



51.0133, 0.3330, 0.3339



51.0133, 0.3334, 0.3422

Triad

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



51.0133, 0.3330, 0.3339



51.0133, 0.3079, 0.3421



51.0133, 0.2974, 0.3111

Complementary

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



51.0133, 0.3330, 0.3339



56.0415, 0.2948, 0.3240

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.



51.0133, 0.2925, 0.3155



51.0133, 0.3330, 0.3339



51.0133, 0.2985, 0.3334

Square

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



51.0133, 0.3330, 0.3339



51.0133, 0.3188, 0.3472



51.0133, 0.2929, 0.3236



51.0133, 0.3064, 0.3115

Rectangle

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



51.0133, 0.3330, 0.3339



51.0133, 0.3304, 0.3460



51.0133, 0.2929, 0.3236



51.0133, 0.2952, 0.3121

Sweetspot

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



51.0156, 0.3330, 0.3339



94.0479, 0.3192, 0.3306



50.2782, 0.3169, 0.3046



19.8971, 0.3205, 0.3310



0.0000, 0.0000, 0.0000



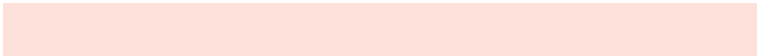
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0156, 0.3330, 0.3339



80.3494, 0.3379, 0.3350



56.0877, 0.3313, 0.3479



11.5083, 0.3286, 0.3329



8.8822, 0.6225, 0.3440



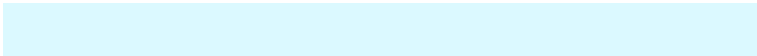
0.5541, 0.5879, 0.3714

Inverse Universe

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



56.0415, 0.2948, 0.3240



90.1393, 0.2911, 0.3229



50.8149, 0.2946, 0.3094



12.3990, 0.2983, 0.3251



21.0225, 0.2100, 0.2759



1.1707, 0.2132, 0.2873

Previews

White Background



This preview shows how the Yxy color 51.0133, 0.3330, 0.3339 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 51.0133, 0.3330, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

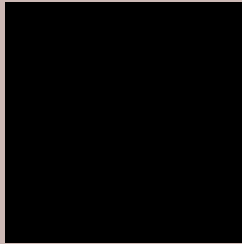
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0133, 0.3330, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 51.0133, 0.3330, 0.3339.



This preview shows how white text looks on a background with the Yxy color 51.0133, 0.3330, 0.3339.

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

51.0133, 0.3330, 0.3339

Protanopia

51.2834, 0.3215, 0.3365

Deuteranopia

51.0521, 0.3385, 0.3315



Tritanopia

51.1636, 0.3219, 0.3123

Trichromacy



Original Color

51.0133, 0.3330, 0.3339

Protanomaly

51.3496, 0.3258, 0.3365

Deuteranomaly

51.1725, 0.3366, 0.3327

Tritanomaly

51.1644, 0.3258, 0.3206

Monochromacy



Original Color

51.0133, 0.3330, 0.3339

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7188, 0.3200, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0133, 0.3330, 0.3339 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(205, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 181)  
}
```

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(205, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.0133, 0.3330, 0.3339 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(205, 185, 181) }
```

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

```
.border{ border-color:rgb(205, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0133, 0.3330, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 181) }
```

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

```
.background{ background-color: rgb(205,  
185, 181) }
```

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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