

Converting Colors

Yxy(51.3429, 0.3391, 0.3314)

Have a look what the booklet for
Yxy(51.3429, 0.3391, 0.3314)
contains.

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Color

Yxy(51.2002, 0.3394, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	D4B7B5
RGB	212, 183, 181
RGB Percent	83%, 72%, 71%
CMY	0.1687, 0.2823, 0.2902
CMYK	0.00, 0.14, 0.15, 0.17
HSL	4°, 26%, 77%
HSV	4°, 15%, 83%
XYZ	52.4204, 51.2002, 50.8295
YIQ	191.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

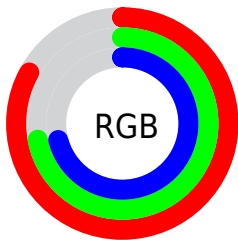
Format	Color
R _Y B	212, 183, 181
Decimal	13940661
CIE Lab	76.80, 10.04, 4.85
CIE LCh	77, 11.148, 25.796
Yxy	51.2002, 0.3394, 0.3315
Android (android.graphics.Color)	4292130741 (0xFFD4B7B5)
YUV	191.4430, -5.1484, 18.0285
Hunter-Lab	71.5543, 5.5482, 7.9706

Details

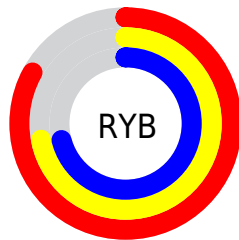
The Yxy color **51.2002, 0.3394, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6477, 0.2905, 0.3265**, and the grayscale version is **52.3935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1074, 0.3246, 0.3310**, and **24.6919, 0.3470, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **42.7902, 0.3631, 0.3334**, and if you desaturate by 10%, it is **60.8978, 0.3203, 0.3298**.

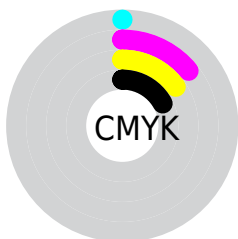
Distribution



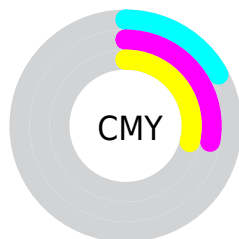
- Red (83%)
- Green (72%)
- Blue (71%)



- Red (83%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2002, 0.3394, 0.3315 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 51.2002, 0.3394, 0.3315 by changing the saturation by 10% instead.


 51.2002, 0.3394,
0.3315

 51.2002, 0.3394,
0.3315

391.3411, 0.3262,
0.3304

 36.3680, 0.3427,
0.3317


 91.9506, 0.3346,
0.3311

 24.7185, 0.3468,
0.3320


118.6376, 0.3328,
0.3310

 15.8675, 0.3523,
0.3323


150.0450, 0.3313,
0.3309

 9.4304, 0.3599,
0.3327

186.5571, 0.3300,
0.3307

 5.0230, 0.3711,
0.3331

228.5584, 0.3289,
0.3306

 2.2607, 0.3893,
0.3334

276.4332, 0.3279,

 0.7528, 0.4393,

0.3306

0.3423

330.5660, 0.3270,
0.3305

0.0000, 0.0000,
0.0000

51.2002, 0.3394,
0.3315

51.2002, 0.3394,
0.3315

42.7902, 0.3631,
0.3334

60.8978, 0.3203,
0.3298

35.6072, 0.3922,
0.3352

71.9269, 0.3048,
0.3282

29.5959, 0.4274,
0.3370

84.3374, 0.2923,
0.3267

24.6942, 0.4686,
0.3384

92.7344, 0.2871,
0.3289

20.8340, 0.5141,
0.3392

■ 17.9401, 0.5599,
0.3388

■ 15.9268, 0.5996,
0.3371

■ 14.6935, 0.6267,
0.3343

■ 14.3042, 0.6360,
0.3332

Harmonies

Analogous

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



51.2002, 0.3289, 0.3187



51.2002, 0.3394, 0.3315



51.2002, 0.3426, 0.3440

Triad

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



51.2002, 0.3394, 0.3315



51.2002, 0.3107, 0.3506



51.2002, 0.2883, 0.3052

Complementary

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



51.2002, 0.3394, 0.3315



60.6477, 0.2905, 0.3265

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.



51.2002, 0.2838, 0.3130



51.2002, 0.3394, 0.3315



51.2002, 0.2965, 0.3395

Square

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



51.2002, 0.3394, 0.3315



51.2002, 0.3258, 0.3555



51.2002, 0.2867, 0.3256



51.2002, 0.2993, 0.3037

Rectangle

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



51.2002, 0.3394, 0.3315



51.2002, 0.3400, 0.3505



51.2002, 0.2867, 0.3256



51.2002, 0.2860, 0.3071

Sweetspot

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



51.2025, 0.3394, 0.3315



93.4275, 0.3193, 0.3297



51.7126, 0.3156, 0.2948



19.7407, 0.3206, 0.3298



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.



51.2025, 0.3394, 0.3315



73.0038, 0.3473, 0.3322



57.7345, 0.3368, 0.3492



12.5496, 0.3290, 0.3306



8.8840, 0.6349, 0.3341



0.5826, 0.6194, 0.3464

Inverse Universe

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



60.6477, 0.2905, 0.3265



90.4127, 0.2854, 0.3258



53.5767, 0.2899, 0.3080



13.9625, 0.2983, 0.3274



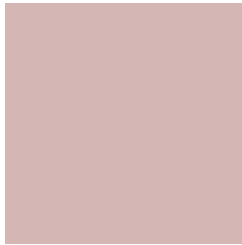
27.9707, 0.2191, 0.3086



1.7299, 0.2201, 0.3124

Previews

White Background



This preview shows how the Yxy color 51.2002, 0.3394, 0.3315 looks on a white background.

Color Contrast Check

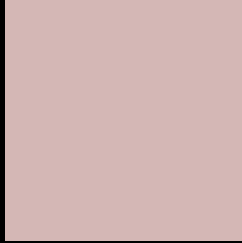
Large Text (above 18pt) WCAG AA × Fail

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 51.2002, 0.3394, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

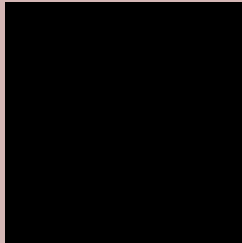
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2002, 0.3394, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 51.2002, 0.3394, 0.3315.



This preview shows how white text looks on a background with the Yxy color 51.2002, 0.3394, 0.3315.

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

51.2002, 0.3394, 0.3315

Protanopia

51.3252, 0.3207, 0.3353

Deuteranopia

51.0521, 0.3385, 0.3315



Tritanopia

51.2840, 0.3298, 0.3126

Trichromacy



Original Color

51.2002, 0.3394, 0.3315

Protanomaly

51.3771, 0.3276, 0.3340

Deuteranomaly

51.0521, 0.3385, 0.3315

Tritanomaly

51.3197, 0.3329, 0.3196

Monochromacy



Original Color

51.2002, 0.3394, 0.3315

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6964, 0.3227, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2002, 0.3394, 0.3315 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, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 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(212, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.2002, 0.3394, 0.3315 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, 183, 181) }
```

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

```
.border{ border-color:rgb(212, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 183,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2002, 0.3394, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 181) }
```

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

```
.background{ background-color: rgb(212,  
183, 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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