

Converting Colors

Yxy(50.2605, 0.3436, 0.3413)

Have a look what the booklet for
Yxy(50.2605, 0.3436, 0.3413)
contains.

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Color

Yxy(50.4394, 0.3435, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	D1B7AD
RGB	209, 183, 173
RGB Percent	82%, 72%, 68%
CMY	0.1805, 0.2823, 0.3217
CMYK	0.00, 0.12, 0.17, 0.18
HSL	17°, 28%, 75%
HSV	17°, 17%, 82%
XYZ	50.7645, 50.4394, 46.5822
YIQ	189.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

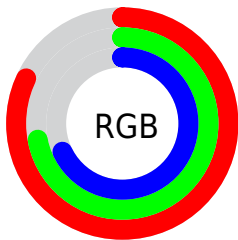
Format	Color
R _Y B	209, 187, 173
Decimal	13744045
CIE Lab	76.34, 7.66, 8.50
CIE LCh	76, 11.447, 47.967
Yxy	50.4394, 0.3435, 0.3413
Android (android.graphics.Color)	4291934125 (0xFFD1B7AD)
YUV	189.6340, -8.2006, 16.9840
Hunter-Lab	71.0207, 3.3029, 10.8264

Details

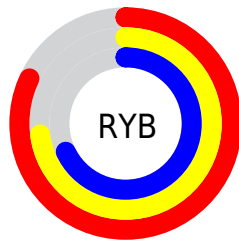
The Yxy color **50.4394, 0.3435, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3036, 0.2863, 0.3164**, and the grayscale version is **51.3103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5944, 0.3303, 0.3399**, and **24.2158, 0.3515, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **43.8065, 0.3661, 0.3490**, and if you desaturate by 10%, it is **57.8692, 0.3245, 0.3340**.

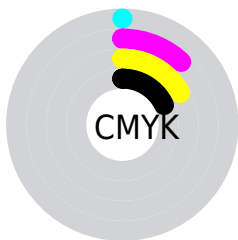
Distribution



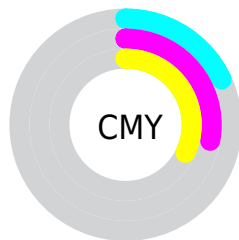
- Red (82%)
- Green (72%)
- Blue (68%)



- Red (82%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4394, 0.3435, 0.3413 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 50.4394, 0.3435, 0.3413 by changing the saturation by 10% instead.


 50.4394, 0.3435,
0.3413

 50.4394, 0.3435,
0.3413


388.3818, 0.3282,
0.3354

 35.7627, 0.3473,
0.3427


 90.8256, 0.3380,
0.3392

 24.2509, 0.3521,
0.3444


117.3038, 0.3359,
0.3384

 15.5199, 0.3585,
0.3467


148.4846, 0.3341,
0.3377

 9.1851, 0.3674,
0.3497

184.7525, 0.3326,
0.3371

 4.8621, 0.3805,
0.3538

226.4917, 0.3313,
0.3366

 2.1666, 0.4016,
0.3599

274.0867, 0.3301,

 0.7017, 0.4950,

0.3362

0.4067

327.9220, 0.3291,
0.3358

0.0000, 0.0000,
0.0000

50.4394, 0.3435,
0.3413

50.4394, 0.3435,
0.3413

43.8065, 0.3661,
0.3490

57.8692, 0.3245,
0.3340

37.9368, 0.3927,
0.3567

66.1144, 0.3086,
0.3272

32.8045, 0.4236,
0.3639

75.2016, 0.2952,
0.3209

28.3794, 0.4584,
0.3700

85.0526, 0.2848,
0.3167

24.6292, 0.4959,
0.3738

92.2924, 0.2855,
0.3289

■ 21.5191, 0.5338,
0.3743

■ 19.0106, 0.5683,
0.3703

■ 17.0592, 0.5958,
0.3621

■ 16.6059, 0.6026,
0.3597

Harmonies

Analogous

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



50.4394, 0.3381, 0.3280



50.4394, 0.3435, 0.3413



50.4394, 0.3404, 0.3518

Triad

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



50.4394, 0.3435, 0.3413



50.4394, 0.2995, 0.3433



50.4394, 0.2954, 0.3027

Complementary

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



50.4394, 0.3435, 0.3413



54.3036, 0.2863, 0.3164

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.



50.4394, 0.2856, 0.3059



50.4394, 0.3435, 0.3413



50.4394, 0.2879, 0.3292

Square

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



50.4394, 0.3435, 0.3413



50.4394, 0.3148, 0.3534



50.4394, 0.2829, 0.3155



50.4394, 0.3100, 0.3061

Rectangle

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



50.4394, 0.3435, 0.3413



50.4394, 0.3340, 0.3557



50.4394, 0.2829, 0.3155



50.4394, 0.2915, 0.3030

Sweetspot

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



50.4417, 0.3435, 0.3413



93.4789, 0.3208, 0.3325



47.5713, 0.3226, 0.2975



19.8178, 0.3220, 0.3330



0.0000, 0.0000, 0.0000



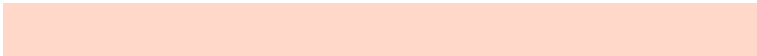
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4417, 0.3435, 0.3413



74.8057, 0.3521, 0.3443



58.1460, 0.3400, 0.3620



12.3372, 0.3284, 0.3355



10.3850, 0.6000, 0.3618



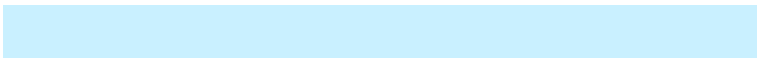
0.7154, 0.5632, 0.3910

Inverse Universe

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



54.3036, 0.2863, 0.3164



82.0605, 0.2802, 0.3131



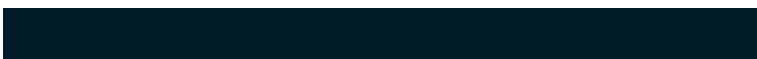
46.6850, 0.2852, 0.2937



12.8265, 0.2983, 0.3224



16.6039, 0.1990, 0.2364



1.0583, 0.2043, 0.2554

Previews

White Background



This preview shows how the Yxy color 50.4394, 0.3435, 0.3413 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 50.4394, 0.3435, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

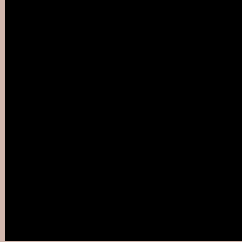
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4394, 0.3435, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 50.4394, 0.3435, 0.3413.



This preview shows how white text looks on a background with the Yxy color 50.4394, 0.3435, 0.3413.

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

50.4394, 0.3435, 0.3413

Protanopia

50.6637, 0.3288, 0.3454

Deuteranopia

50.4701, 0.3464, 0.3400



Tritanopia

50.5346, 0.3290, 0.3125

Trichromacy



Original Color

50.4394, 0.3435, 0.3413

Protanomaly

50.4532, 0.3342, 0.3440

Deuteranomaly

50.3219, 0.3455, 0.3400

Tritanomaly

50.4418, 0.3347, 0.3231

Monochromacy



Original Color

50.4394, 0.3435, 0.3413

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8717, 0.3234, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4394, 0.3435, 0.3413 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, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 173)  
}
```

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, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.4394, 0.3435, 0.3413 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, 183, 173) }
```

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

```
.border{ border-color:rgb(209, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4394, 0.3435, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 173) }
```

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

```
.background{ background-color: rgb(209,  
183, 173) }
```

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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