

Converting Colors

$Y_{xy}(50.2376, 0.3440, 0.3173)$

Have a look what the booklet for
Yxy(50.2376, 0.3440, 0.3173)
contains.

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Color

Yxy(50.4043, 0.3433, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	DDB1BB
RGB	221, 177, 187
RGB Percent	87%, 69%, 73%
CMY	0.1332, 0.3059, 0.2666
CMYK	0.00, 0.20, 0.15, 0.13
HSL	346°, 39%, 78%
HSV	346°, 20%, 87%
XYZ	54.5173, 50.4043, 53.8821
YIQ	191.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

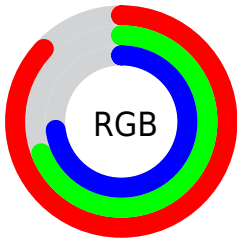
Format	Color
R_{YB}	221, 177, 187
Decimal	14528955
CIE _{Lab}	76.32, 17.52, 0.97
CIE _{LCh}	76, 17.544, 3.177
Yxy	50.4043, 0.3433, 0.3174
Android (android.graphics.Color)	4292719035 (0xFFDDB1BB)
YUV	191.2960, -2.1179, 26.0504
Hunter-Lab	70.9960, 12.8259, 4.6993

Details

The Yxy color **50.4043, 0.3433, 0.3174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.7737, 0.2890, 0.3410**, and the grayscale version is **52.2863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0089, 0.3213, 0.3193**, and **24.1359, 0.3512, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **41.6831, 0.3642, 0.3112**, and if you desaturate by 10%, it is **60.6310, 0.3263, 0.3234**.

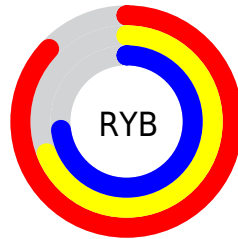
Distribution



Red (87%)

Green (69%)

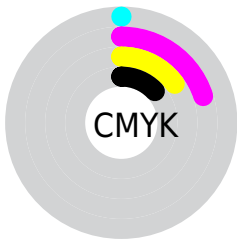
Blue (73%)



Red (87%)

Yellow (69%)

Blue (73%)

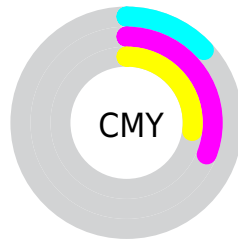


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4043, 0.3433, 0.3174 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 50.4043, 0.3433, 0.3174 by changing the saturation by 10% instead.


 50.4043, 0.3433,
0.3174

 50.4043, 0.3433,
0.3174


388.2449, 0.3282,
0.3232

 35.7347, 0.3470,
0.3160

 90.7736, 0.3378,
0.3195

 24.2294, 0.3518,
0.3141


117.2422, 0.3358,
0.3203

 15.5039, 0.3581,
0.3117


148.4125, 0.3340,
0.3210

 9.1738, 0.3668,
0.3083

184.6690, 0.3325,
0.3215

 4.8547, 0.3795,
0.3033

226.3962, 0.3312,
0.3220

 2.1623, 0.4001,
0.2951

273.9782, 0.3301,

 0.6993, 0.4453,

0.3225

0.2785

327.7997, 0.3291,
0.3228

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4043, 0.3433,
0.3174

50.4043, 0.3433,
0.3174

41.6831, 0.3642,
0.3112

60.6310, 0.3263,
0.3234

34.3895, 0.3897,
0.3051

72.4225, 0.3126,
0.3290

28.4490, 0.4202,
0.2996

85.8435, 0.3015,
0.3342

23.7776, 0.4557,
0.2954

94.1156, 0.2923,
0.3289

■ 20.2819, 0.4949,
0.2936

■ 17.8554, 0.5352,
0.2952

■ 16.3721, 0.5722,
0.3008

■ 15.6139, 0.6021,
0.3091

■ 15.6089, 0.6023,
0.3092

Harmonies

Analogous

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



50.4043, 0.3208, 0.3006



50.4043, 0.3433, 0.3174



50.4043, 0.3576, 0.3375

Triad

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



50.4043, 0.3433, 0.3174



50.4043, 0.3274, 0.3707



50.4043, 0.2681, 0.2996

Complementary

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



50.4043, 0.3433, 0.3174



65.7737, 0.2890, 0.3410

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.



50.4043, 0.2698, 0.3178



50.4043, 0.3433, 0.3174



50.4043, 0.3034, 0.3601

Square

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



50.4043, 0.3433, 0.3174



50.4043, 0.3480, 0.3689



50.4043, 0.2825, 0.3402



50.4043, 0.2778, 0.2901

Rectangle

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



50.4043, 0.3433, 0.3174



50.4043, 0.3602, 0.3505



50.4043, 0.2825, 0.3402



50.4043, 0.2674, 0.3048

Sweetspot

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



50.4066, 0.3433, 0.3174



89.8860, 0.3207, 0.3256



50.4755, 0.3065, 0.2784



19.0141, 0.3216, 0.3253



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.



50.4066, 0.3433, 0.3174



64.2960, 0.3517, 0.3148



54.8310, 0.3495, 0.3428



13.0999, 0.3256, 0.3237



9.0797, 0.5987, 0.3072



0.6014, 0.5524, 0.2817

Inverse Universe

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



50.4066, 0.3433, 0.3174



64.2960, 0.3517, 0.3148



60.3072, 0.2822, 0.3148



13.0999, 0.3256, 0.3237



9.0797, 0.5987, 0.3072



0.6014, 0.5524, 0.2817

Previews

White Background



This preview shows how the Yxy color 50.4043, 0.3433, 0.3174 looks on a white background.

Color Contrast Check

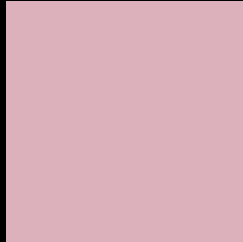
Large Text (above 18pt) WCAG AA × Fail

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 50.4043, 0.3433, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

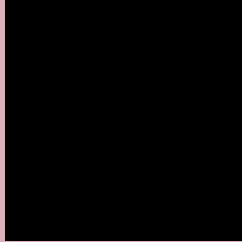
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4043, 0.3433, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 50.4043, 0.3433, 0.3174.



This preview shows how white text looks on a background with the Yxy color 50.4043, 0.3433, 0.3174.

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

50.4043, 0.3433, 0.3174

Protanopia

50.3381, 0.3106, 0.3215

Deuteranopia

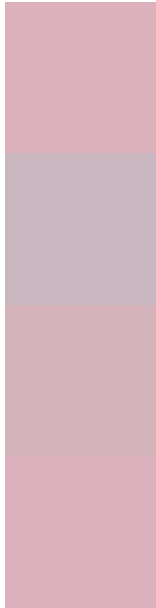
50.2665, 0.3310, 0.3242



Tritanopia

50.1405, 0.3409, 0.3128

Trichromacy



Original Color

50.4043, 0.3433, 0.3174

Protanomaly

50.0461, 0.3217, 0.3192

Deuteranomaly

50.1847, 0.3357, 0.3219

Tritanomaly

50.0969, 0.3417, 0.3140

Monochromacy



Original Color

50.4043, 0.3433, 0.3174

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3921, 0.3230, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4043, 0.3433, 0.3174 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(221, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 177, 187)  
}
```

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(221, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 177, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.4043, 0.3433, 0.3174 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(221, 177, 187) }
```

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

```
.border{ border-color:rgb(221, 177, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 177, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 177,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4043, 0.3433, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 177, 187) }
```

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

```
.background{ background-color: rgb(221,  
177, 187) }
```

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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