

Converting Colors

$Y_{xy}(50.9293, 0.3242, 0.3278)$

Have a look what the booklet for
Yxy(50.9293, 0.3242, 0.3278)
contains.

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Color

Yxy(50.9850, 0.3237, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C8BABB
RGB	200, 186, 187
RGB Percent	78%, 73%, 73%
CMY	0.2157, 0.2706, 0.2666
CMYK	0.00, 0.07, 0.06, 0.22
HSL	356°, 11%, 76%
HSV	356°, 7%, 78%
XYZ	50.3473, 50.9850, 54.2046
YIQ	190.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

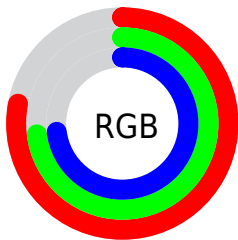
Format	Color
R _Y B	200, 186, 187
Decimal	13155003
CIE Lab	76.67, 5.12, 1.27
CIE LCh	77, 5.275, 13.890
Yxy	50.9850, 0.3237, 0.3278
Android (android.graphics.Color)	4291345083 (0xFFC8BABB)
YUV	190.3000, -1.6269, 8.5069
Hunter-Lab	71.4038, 0.9050, 4.9739

Details

The Yxy color **50.9850, 0.3237, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8694, 0.3027, 0.3302**, and the grayscale version is **51.6815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2353, 0.3206, 0.3281**, and **24.6073, 0.3266, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **42.3971, 0.3427, 0.3260**, and if you desaturate by 10%, it is **60.8596, 0.3085, 0.3295**.

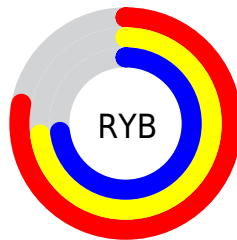
Distribution



Red (78%)

Green (73%)

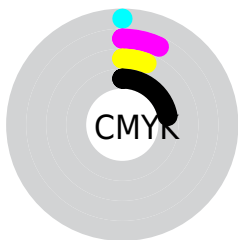
Blue (73%)



Red (78%)

Yellow (73%)

Blue (73%)

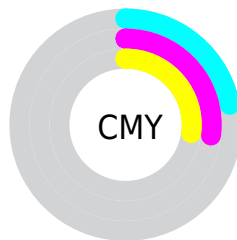


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9850, 0.3237, 0.3278 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 50.9850, 0.3237, 0.3278 by changing the saturation by 10% instead.


 50.9850, 0.3237,
0.3278

 50.9850, 0.3237,
0.3278


390.5055, 0.3183,
0.3284

 36.1967, 0.3250,
0.3276


 91.6326, 0.3217,
0.3280

 24.5861, 0.3267,
0.3274


118.2607, 0.3210,
0.3281

 15.7690, 0.3290,
0.3272


149.6041, 0.3204,
0.3282

 9.3608, 0.3321,
0.3268

186.0473, 0.3198,
0.3282

 4.9773, 0.3367,
0.3262

227.9746, 0.3194,
0.3283

 2.2339, 0.3441,
0.3252

275.7705, 0.3190,

 0.7384, 0.3625,

0.3283

0.3238

329.8193, 0.3186,
0.3284

0.0000, 0.0000,
0.0000

50.9850, 0.3237,
0.3278

50.9850, 0.3237,
0.3278

42.3971, 0.3427,
0.3260

60.8596, 0.3085,
0.3295

35.0365, 0.3662,
0.3241

72.0638, 0.2962,
0.3310

28.8493, 0.3954,
0.3222

84.6467, 0.2863,
0.3324

23.7747, 0.4307,
0.3206

91.0187, 0.2805,
0.3289

19.7468, 0.4719,
0.3194

■ 16.6924, 0.5172,
0.3191

■ 14.5291, 0.5625,
0.3200

■ 13.1609, 0.6012,
0.3224

■ 12.4593, 0.6274,
0.3256

Harmonies

Analogous

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



50.9850, 0.3178, 0.3219



50.9850, 0.3237, 0.3278



50.9850, 0.3266, 0.3340

Triad

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



50.9850, 0.3237, 0.3278



50.9850, 0.3148, 0.3404



50.9850, 0.2998, 0.3189

Complementary

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



50.9850, 0.3237, 0.3278



55.8694, 0.3027, 0.3302

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.



50.9850, 0.2990, 0.3237



50.9850, 0.3237, 0.3278



50.9850, 0.3076, 0.3363

Square

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



50.9850, 0.3237, 0.3278



50.9850, 0.3214, 0.3414



50.9850, 0.3018, 0.3301



50.9850, 0.3040, 0.3168

Rectangle

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



50.9850, 0.3237, 0.3278



50.9850, 0.3265, 0.3376



50.9850, 0.3018, 0.3301



50.9850, 0.2991, 0.3203

Sweetspot

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



50.9872, 0.3237, 0.3278



96.4878, 0.3157, 0.3287



51.4091, 0.3125, 0.3120



20.6891, 0.3156, 0.3287



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.



50.9872, 0.3237, 0.3278



86.5075, 0.3256, 0.3276



53.4509, 0.3239, 0.3362



10.6490, 0.3278, 0.3274



7.8334, 0.6313, 0.3252



0.3753, 0.6024, 0.3092

Inverse Universe

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



50.9872, 0.3237, 0.3278



86.5075, 0.3256, 0.3276



53.2674, 0.3020, 0.3217



10.6490, 0.3278, 0.3274



7.8334, 0.6313, 0.3252



0.3753, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 50.9850, 0.3237, 0.3278 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 50.9850, 0.3237, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

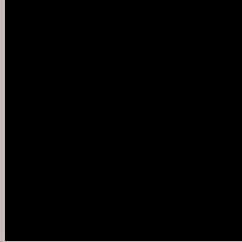
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

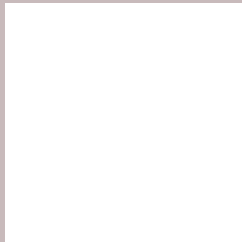
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9850, 0.3237, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 50.9850, 0.3237, 0.3278.



This preview shows how white text looks on a background with the Yxy color 50.9850, 0.3237, 0.3278.

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

50.9850, 0.3237, 0.3278

Protanopia

50.9347, 0.3169, 0.3290

Deuteranopia

50.9077, 0.3301, 0.3230



Tritanopia

50.9611, 0.3161, 0.3109

Trichromacy



Original Color

50.9850, 0.3237, 0.3278

Protanomaly

50.9073, 0.3194, 0.3278

Deuteranomaly

50.8910, 0.3274, 0.3242

Tritanomaly

51.0556, 0.3183, 0.3169

Monochromacy



Original Color

50.9850, 0.3237, 0.3278

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5386, 0.3168, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9850, 0.3237, 0.3278 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(200, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(200, 186, 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(200, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 186, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.9850, 0.3237, 0.3278 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(200, 186, 187) }
```

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

```
.border{ border-color:rgb(200, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(200, 186,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9850, 0.3237, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 186, 187) }
```

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

```
.background{ background-color: rgb(200,  
186, 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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