

Converting Colors

$Y_{xy}(50.7275, 0.3182, 0.3314)$

Have a look what the booklet for
Yxy(50.7275, 0.3182, 0.3314)
contains.

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Color

Yxy(50.8491, 0.3184, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCBA
RGB	193, 188, 186
RGB Percent	76%, 74%, 73%
CMY	0.2431, 0.2627, 0.2705
CMYK	0.00, 0.03, 0.04, 0.24
HSL	17°, 5%, 74%
HSV	17°, 4%, 76%
XYZ	48.8397, 50.8491, 53.7022
YIQ	189.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

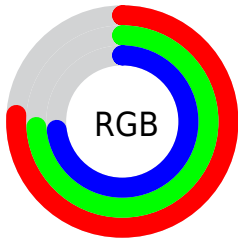
Format	Color
R _Y B	193, 189, 186
Decimal	12696762
CIE Lab	76.59, 1.40, 1.62
CIE LCh	77, 2.135, 49.157
Yxy	50.8491, 0.3184, 0.3315
Android (android.graphics.Color)	4290886842 (0xFFC1BCBA)
YUV	189.2670, -1.6106, 3.2738
Hunter-Lab	71.3086, -2.5342, 5.2649

Details

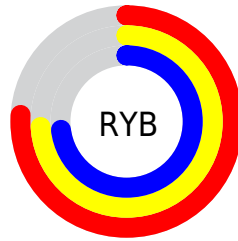
The Yxy color **50.8491, 0.3184, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5582, 0.3072, 0.3265**, and the grayscale version is **51.0592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2519, 0.3172, 0.3310**, and **24.5969, 0.3205, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **44.4656, 0.3361, 0.3388**, and if you desaturate by 10%, it is **57.9122, 0.3035, 0.3248**.

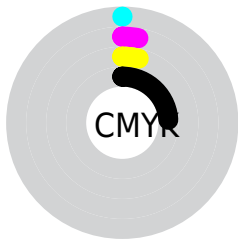
Distribution



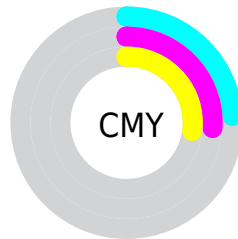
- Red (76%)
- Green (74%)
- Blue (73%)



- Red (76%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (24%)




- Cyan (24%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8491, 0.3184, 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 50.8491, 0.3184, 0.3315 by changing the saturation by 10% instead.


 50.8491, 0.3184,
0.3315

 50.8491, 0.3184,
0.3315


389.9772, 0.3156,
0.3303

 36.0885, 0.3191,
0.3318


 91.4317, 0.3174,
0.3311

 24.5026, 0.3200,
0.3322


118.0225, 0.3170,
0.3309

 15.7068, 0.3211,
0.3327


149.3255, 0.3167,
0.3308

 9.3170, 0.3227,
0.3334

185.7251, 0.3164,
0.3306

 4.9485, 0.3251,
0.3344

227.6056, 0.3162,
0.3305

 2.2171, 0.3289,
0.3359

275.3516, 0.3160,

 0.7293, 0.3402,

0.3304

0.3412

329.3473, 0.3158,
0.3304

0.0000, 0.0000,
0.0000

50.8491, 0.3184,
0.3315

50.8491, 0.3184,
0.3315

44.4656, 0.3361,
0.3388

57.9122, 0.3035,
0.3248

38.7349, 0.3571,
0.3464

65.6675, 0.2910,
0.3186

33.6381, 0.3820,
0.3543

74.1358, 0.2805,
0.3129

29.1527, 0.4109,
0.3619

82.7945, 0.2757,
0.3163

25.2552, 0.4439,
0.3687

90.0777, 0.2768,
0.3289

■ 21.9201, 0.4802,
0.3736

■ 19.1203, 0.5178,
0.3756

■ 16.8259, 0.5538,
0.3736

■ 15.0038, 0.5842,
0.3670

Harmonies

Analogous

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



50.8491, 0.3175, 0.3290



50.8491, 0.3184, 0.3315



50.8491, 0.3178, 0.3334

Triad

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



50.8491, 0.3184, 0.3315



50.8491, 0.3102, 0.3315



50.8491, 0.3096, 0.3240

Complementary

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



50.8491, 0.3184, 0.3315



51.5582, 0.3072, 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.



50.8491, 0.3077, 0.3247



50.8491, 0.3184, 0.3315



50.8491, 0.3080, 0.3290

Square

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



50.8491, 0.3184, 0.3315



50.8491, 0.3130, 0.3334



50.8491, 0.3071, 0.3265



50.8491, 0.3124, 0.3247

Rectangle

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



50.8491, 0.3184, 0.3315



50.8491, 0.3166, 0.3340



50.8491, 0.3071, 0.3265



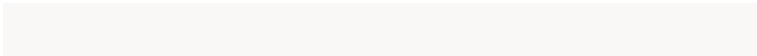
50.8491, 0.3088, 0.3241

Sweetspot

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



50.8513, 0.3184, 0.3315



94.2497, 0.3143, 0.3297



50.2240, 0.3147, 0.3228



20.2333, 0.3142, 0.3297



97.7402, 0.3127, 0.3290



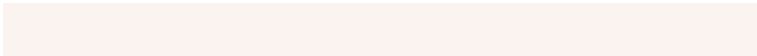
20.4902, 0.3127, 0.3290

Same Dimension

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



50.8513, 0.3184, 0.3315



90.5425, 0.3191, 0.3318



52.3582, 0.3181, 0.3358



11.2147, 0.3201, 0.3323



9.4740, 0.5981, 0.3633



0.5307, 0.5527, 0.3994

Inverse Universe

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



51.5582, 0.3072, 0.3265



91.9591, 0.3065, 0.3262



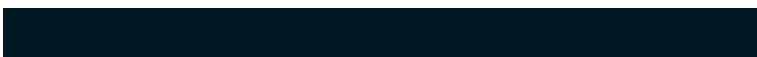
50.0563, 0.3073, 0.3221



11.4179, 0.3056, 0.3257



14.8032, 0.1985, 0.2347



0.7521, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 50.8491, 0.3184, 0.3315 looks on a white background.

Color Contrast Check

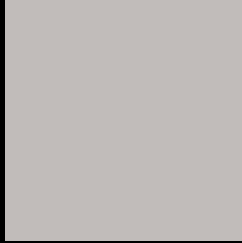
Large Text (above 18pt) WCAG AA × Fail

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 50.8491, 0.3184, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

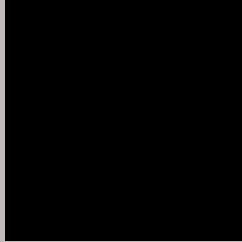
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

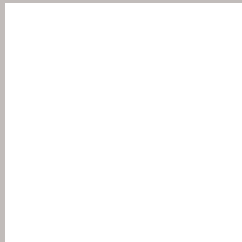
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8491, 0.3184, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 50.8491, 0.3184, 0.3315.

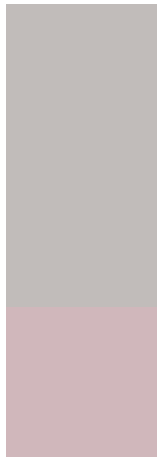


This preview shows how white text looks on a background with the Yxy color 50.8491, 0.3184, 0.3315.

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

50.8491, 0.3184, 0.3315

Protanopia

50.8491, 0.3184, 0.3315

Deuteranopia

50.8647, 0.3309, 0.3242



Tritanopia

50.8900, 0.3094, 0.3119

Trichromacy



Original Color

50.8491, 0.3184, 0.3315

Protanomaly

50.8491, 0.3184, 0.3315

Deuteranomaly

50.9823, 0.3264, 0.3266

Tritanomaly

50.9501, 0.3124, 0.3191

Monochromacy



Original Color

50.8491, 0.3184, 0.3315

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9732, 0.3143, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8491, 0.3184, 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(193, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 186)  
}
```

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(193, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.8491, 0.3184, 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(193, 188, 186) }
```

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

```
.border{ border-color:rgb(193, 188, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8491, 0.3184, 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(193, 188, 186) }
```

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

```
.background{ background-color: rgb(193,  
188, 186) }
```

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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