

Converting Colors

$Y_{xy}(51.1994, 0.3196, 0.3320)$

Have a look what the booklet for
Yxy(51.1994, 0.3196, 0.3320)
contains.

Yxy(50.9809, 0.3192, 0.3315)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9809, 0.3192, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	C2BCBA
RGB	194, 188, 186
RGB Percent	76%, 74%, 73%
CMY	0.2393, 0.2627, 0.2705
CMYK	0.00, 0.03, 0.04, 0.24
HSL	15°, 6%, 75%
HSV	15°, 4%, 76%
XYZ	49.0893, 50.9809, 53.7183
YIQ	189.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

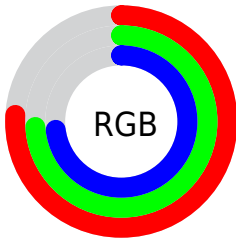
Format	Color
R _Y B	194, 189, 186
Decimal	12762298
CIE Lab	76.67, 1.73, 1.74
CIE LCh	77, 2.454, 45.070
Yxy	50.9809, 0.3192, 0.3315
Android (android.graphics.Color)	4290952378 (0xFFC2BCBA)
YUV	189.5660, -1.7580, 3.8886
Hunter-Lab	71.4009, -2.2299, 5.3739

Details

The Yxy color **50.9809, 0.3192, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0231, 0.3065, 0.3265**, and the grayscale version is **51.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4362, 0.3178, 0.3310**, and **24.5969, 0.3205, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **44.3129, 0.3372, 0.3379**, and if you desaturate by 10%, it is **58.3906, 0.3042, 0.3255**.

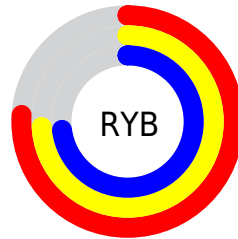
Distribution



Red (76%)

Green (74%)

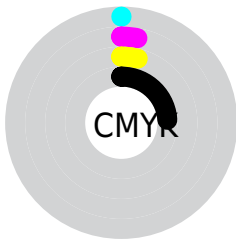
Blue (73%)



Red (76%)

Yellow (74%)

Blue (73%)

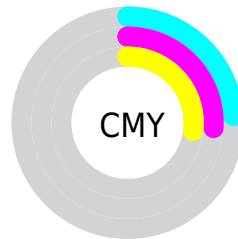


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9809, 0.3192, 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 50.9809, 0.3192, 0.3315 by changing the saturation by 10% instead.

■ 50.9809, 0.3192,
0.3315

■ 50.9809, 0.3192,
0.3315

390.4896, 0.3160,
0.3303

■ 36.1934, 0.3200,
0.3318

■ 91.6265, 0.3180,
0.3311

■ 24.5836, 0.3210,
0.3322

118.2535, 0.3176,
0.3309

■ 15.7671, 0.3223,
0.3327

149.5957, 0.3172,
0.3308

■ 9.3595, 0.3241,
0.3333

186.0376, 0.3169,
0.3306

■ 4.9764, 0.3268,
0.3343

227.9635, 0.3167,
0.3305

■ 2.2334, 0.3312,
0.3359

275.7579, 0.3164,

■ 0.7381, 0.3437,

0.3304

0.3411

329.8051, 0.3162,
0.3304

0.0000, 0.0000,
0.0000

50.9809, 0.3192,
0.3315

50.9809, 0.3192,
0.3315

44.3129, 0.3372,
0.3379

58.3906, 0.3042,
0.3255

38.3571, 0.3587,
0.3447

66.5572, 0.2916,
0.3201

33.0916, 0.3843,
0.3517

75.5039, 0.2810,
0.3151

28.4910, 0.4143,
0.3584

84.6839, 0.2765,
0.3195

24.5283, 0.4487,
0.3642

90.2049, 0.2773,
0.3289

■ 21.1746, 0.4865,
0.3683

■ 18.3985, 0.5257,
0.3695

■ 16.1658, 0.5627,
0.3670

■ 14.4382, 0.5932,
0.3602

Harmonies

Analogous

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



50.9809, 0.3179, 0.3286



50.9809, 0.3192, 0.3315



50.9809, 0.3187, 0.3338

Triad

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



50.9809, 0.3192, 0.3315



50.9809, 0.3102, 0.3323



50.9809, 0.3088, 0.3233

Complementary

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



50.9809, 0.3192, 0.3315



52.0231, 0.3065, 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.



50.9809, 0.3067, 0.3243



50.9809, 0.3192, 0.3315



50.9809, 0.3076, 0.3294

Square

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



50.9809, 0.3192, 0.3315



50.9809, 0.3136, 0.3342



50.9809, 0.3063, 0.3265



50.9809, 0.3119, 0.3239

Rectangle

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



50.9809, 0.3192, 0.3315



50.9809, 0.3175, 0.3346



50.9809, 0.3063, 0.3265



50.9809, 0.3079, 0.3235

Sweetspot

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



50.9831, 0.3192, 0.3315



96.3959, 0.3143, 0.3296



50.3964, 0.3147, 0.3216



21.1241, 0.3142, 0.3296



0.0000, 0.0000, 0.0000



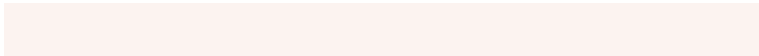
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9831, 0.3192, 0.3315



91.1575, 0.3208, 0.3321



52.7014, 0.3188, 0.3364



11.0416, 0.3217, 0.3325



9.0777, 0.6058, 0.3572



0.5063, 0.5607, 0.3930

Inverse Universe

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



52.0231, 0.3065, 0.3265



93.4794, 0.3050, 0.3259



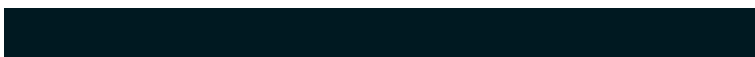
50.3048, 0.3066, 0.3215



11.3540, 0.3041, 0.3255



16.0816, 0.2018, 0.2466



0.7990, 0.2075, 0.2671

Previews

White Background



This preview shows how the Yxy color 50.9809, 0.3192, 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 50.9809, 0.3192, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

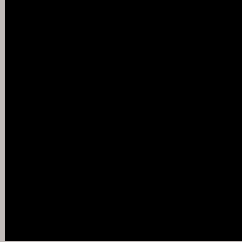
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

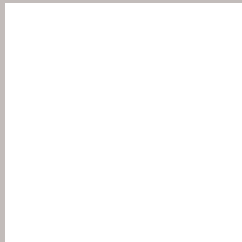
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9809, 0.3192, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 50.9809, 0.3192, 0.3315.

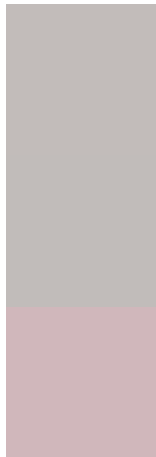


This preview shows how white text looks on a background with the Yxy color 50.9809, 0.3192, 0.3315.

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

50.9809, 0.3192, 0.3315

Protanopia

50.8491, 0.3184, 0.3315

Deuteranopia

50.8647, 0.3309, 0.3242



Tritanopia

51.0237, 0.3102, 0.3119

Trichromacy



Original Color

50.9809, 0.3192, 0.3315

Protanomaly

50.8491, 0.3184, 0.3315

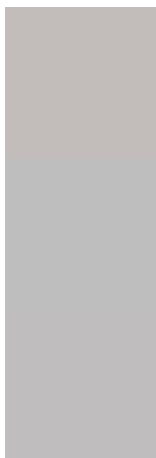
Deuteranomaly

50.9823, 0.3264, 0.3266

Tritanomaly

51.0829, 0.3132, 0.3192

Monochromacy



Original Color

50.9809, 0.3192, 0.3315

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1457, 0.3144, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9809, 0.3192, 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(194, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.9809, 0.3192, 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(194, 188, 186) }
```

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

```
.border{ border-color:rgb(194, 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(194, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 188, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 188, 186); box-shadow:4px 4px 4px 4px rgb(194, 188, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9809, 0.3192, 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(194, 188, 186) }
```

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

```
.background{ background-color: rgb(194,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor