

Converting Colors

Yxy(50.9736, 0.3190, 0.3227)

Have a look what the booklet for
Yxy(50.9736, 0.3190, 0.3227)
contains.

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Color

Yxy(50.8852, 0.3189, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	C6BABF
RGB	198, 186, 191
RGB Percent	78%, 73%, 75%
CMY	0.2234, 0.2706, 0.2511
CMYK	0.00, 0.06, 0.04, 0.22
HSL	335°, 10%, 75%
HSV	335°, 6%, 78%
XYZ	50.2548, 50.8852, 56.4481
YIQ	190.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

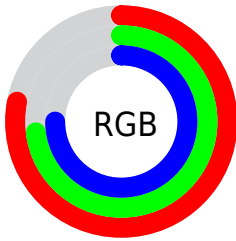
Format	Color
R _Y B	198, 186, 191
Decimal	13023935
CIE Lab	76.61, 5.13, -1.00
CIE LCh	77, 5.229, 349.026
Yxy	50.8852, 0.3189, 0.3229
Android (android.graphics.Color)	4291214015 (0xFFC6BABF)
YUV	190.1580, 0.4151, 6.8774
Hunter-Lab	71.3339, 0.9193, 3.0162

Details

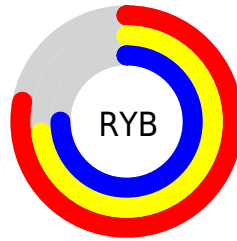
The Yxy color **50.8852, 0.3189, 0.3229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6933, 0.3069, 0.3352**, and the grayscale version is **51.5858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4797, 0.3182, 0.3242**, and **24.5393, 0.3199, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **42.6227, 0.3308, 0.3124**, and if you desaturate by 10%, it is **60.3489, 0.3091, 0.3328**.

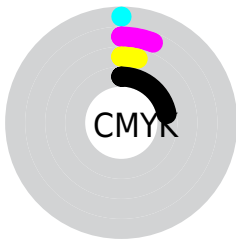
Distribution



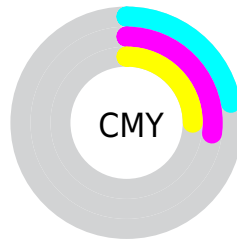
- Red (78%)
- Green (73%)
- Blue (75%)



- Red (78%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8852, 0.3189, 0.3229 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 50.8852, 0.3189, 0.3229 by changing the saturation by 10% instead.


 50.8852, 0.3189,
0.3229

 50.8852, 0.3189,
0.3229


390.1176, 0.3159,
0.3259

 36.1173, 0.3196,
0.3222


 91.4851, 0.3178,
0.3240

 24.5248, 0.3206,
0.3212


118.0858, 0.3174,
0.3244

 15.7233, 0.3218,
0.3200


149.3995, 0.3170,
0.3247

 9.3286, 0.3236,
0.3183

185.8107, 0.3167,
0.3250

 4.9561, 0.3261,
0.3158

227.7037, 0.3165,
0.3253

 2.2215, 0.3301,
0.3119

275.4629, 0.3162,

 0.7317, 0.3393,

0.3255

0.3025

329.4727, 0.3160,
0.3257

0.0000, 0.0000,
0.0000

50.8852, 0.3189,
0.3229

50.8852, 0.3189,
0.3229

42.6227, 0.3308,
0.3124

60.3489, 0.3091,
0.3328

35.5067, 0.3453,
0.3014

71.0528, 0.3010,
0.3420

29.4877, 0.3627,
0.2902

83.0419, 0.2944,
0.3504

24.5105, 0.3833,
0.2796

89.6690, 0.2885,
0.3477

20.5146, 0.4073,
0.2702

90.3715, 0.2825,
0.3352

■ 17.4335, 0.4345,
0.2631

■ 90.7498, 0.2795,
0.3289

■ 15.1922, 0.4638,
0.2598

■ 13.7036, 0.4938,
0.2612

■ 12.8580, 0.5225,
0.2679

Harmonies

Analogous

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



50.8852, 0.3118, 0.3185



50.8852, 0.3189, 0.3229



50.8852, 0.3244, 0.3289

Triad

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



50.8852, 0.3189, 0.3229



50.8852, 0.3203, 0.3414



50.8852, 0.2990, 0.3228

Complementary

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



50.8852, 0.3189, 0.3229



54.6933, 0.3069, 0.3352

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.



50.8852, 0.3012, 0.3290



50.8852, 0.3189, 0.3229



50.8852, 0.3135, 0.3398

Square

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



50.8852, 0.3189, 0.3229



50.8852, 0.3252, 0.3396



50.8852, 0.3065, 0.3352



50.8852, 0.3004, 0.3184

Rectangle

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



50.8852, 0.3189, 0.3229



50.8852, 0.3263, 0.3330



50.8852, 0.3065, 0.3352



50.8852, 0.2993, 0.3247

Sweetspot

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



50.8874, 0.3189, 0.3229



96.5980, 0.3147, 0.3270



50.5354, 0.3093, 0.3142



20.7116, 0.3146, 0.3271



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.



50.8874, 0.3189, 0.3229



88.4794, 0.3200, 0.3218



51.0960, 0.3227, 0.3303



11.0673, 0.3205, 0.3214



8.2190, 0.5300, 0.2693



0.4035, 0.4760, 0.2396

Inverse Universe

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



50.8874, 0.3189, 0.3229



88.4794, 0.3200, 0.3218



54.4623, 0.3034, 0.3277



11.0673, 0.3205, 0.3214



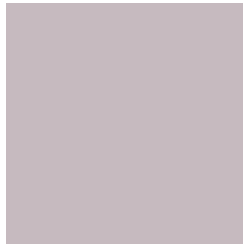
8.2190, 0.5300, 0.2693



0.4035, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 50.8852, 0.3189, 0.3229 looks on a white background.

Color Contrast Check

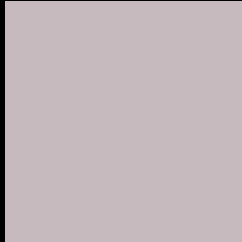
Large Text (above 18pt) WCAG AA × Fail

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 50.8852, 0.3189, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

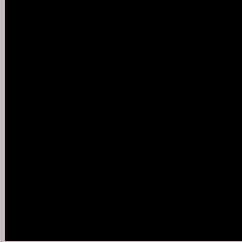
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

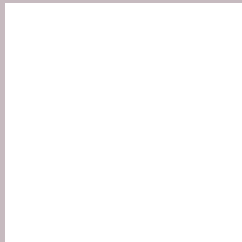
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8852, 0.3189, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 50.8852, 0.3189, 0.3229.



This preview shows how white text looks on a background with the Yxy color 50.8852, 0.3189, 0.3229.

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

50.8852, 0.3189, 0.3229

Protanopia

50.8486, 0.3121, 0.3240

Deuteranopia

50.7946, 0.3251, 0.3182



Tritanopia

50.9636, 0.3135, 0.3120

Trichromacy



Original Color

50.8852, 0.3189, 0.3229

Protanomaly

50.8158, 0.3147, 0.3228

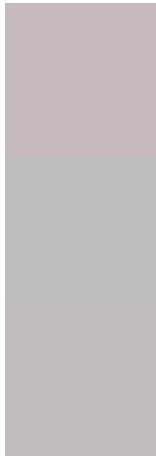
Deuteranomaly

50.7833, 0.3225, 0.3193

Tritanomaly

50.8256, 0.3158, 0.3156

Monochromacy



Original Color

50.8852, 0.3189, 0.3229

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4504, 0.3152, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8852, 0.3189, 0.3229 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(198, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 191)  
}
```

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(198, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.8852, 0.3189, 0.3229 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(198, 186, 191) }
```

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

```
.border{ border-color:rgb(198, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8852, 0.3189, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 191) }
```

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

```
.background{ background-color: rgb(198,  
186, 191) }
```

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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