

Converting Colors

Yxy(50.3753, 0.3084, 0.3192)

Have a look what the booklet for
Yxy(50.3753, 0.3084, 0.3192)
contains.

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Color

Yxy(50.2996, 0.3083, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBC3
RGB	189, 187, 195
RGB Percent	74%, 73%, 76%
CMY	0.2587, 0.2667, 0.2354
CMYK	0.03, 0.04, 0.00, 0.24
HSL	255°, 6%, 75%
HSV	255°, 4%, 76%
XYZ	48.6124, 50.2996, 58.7670
YIQ	188.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

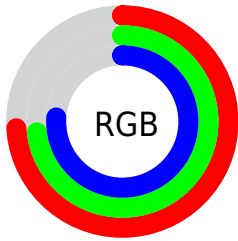
Format	Color
R _Y B	189, 187, 195
Decimal	12434371
CIE Lab	76.25, 2.22, -3.78
CIE LCh	76, 4.383, 300.388
Yxy	50.2996, 0.3083, 0.3190
Android (android.graphics.Color)	4290624451 (0xFFBDBBC3)
YUV	188.5100, 3.1996, 0.4297
Hunter-Lab	70.9222, -1.7641, 0.5172

Details

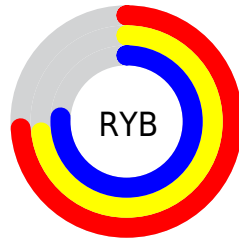
The Yxy color **50.2996, 0.3083, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9410, 0.3170, 0.3389**, and the grayscale version is **50.5801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5419, 0.3086, 0.3202**, and **24.2075, 0.3077, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **40.8187, 0.2963, 0.2927**, and if you desaturate by 10%, it is **61.0938, 0.3186, 0.3426**.

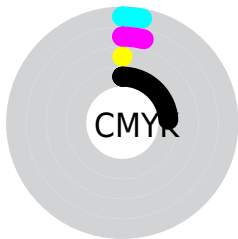
Distribution



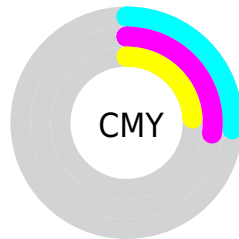
- Red (74%)
- Green (73%)
- Blue (76%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2996, 0.3083, 0.3190 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 50.2996, 0.3083, 0.3190 by changing the saturation by 10% instead.


 50.2996, 0.3083,
0.3190

 50.2996, 0.3083,
0.3190


387.8364, 0.3105,
0.3239

 35.6515, 0.3078,
0.3178


 90.6186, 0.3091,
0.3208

 24.1652, 0.3071,
0.3163


117.0583, 0.3094,
0.3214

 15.4562, 0.3061,
0.3142


148.1974, 0.3096,
0.3220

 9.1402, 0.3049,
0.3115

184.4202, 0.3099,
0.3225

 4.8327, 0.3030,
0.3074

226.1111, 0.3101,
0.3229

 2.1495, 0.2999,
0.3009

273.6545, 0.3102,

 0.6922, 0.2938,

0.3233

0.2856

327.4348, 0.3104,
0.3236

0.0000, 0.0000,
0.0000

50.2996, 0.3083,
0.3190

50.2996, 0.3083,
0.3190

40.8187, 0.2963,
0.2927

61.0938, 0.3186,
0.3426

32.5942, 0.2827,
0.2637

73.2423, 0.3274,
0.3635

25.5745, 0.2673,
0.2325

86.7926, 0.3349,
0.3819

19.7022, 0.2505,
0.2000

95.2480, 0.3431,
0.3891

14.9147, 0.2328,
0.1675

96.7195, 0.3484,
0.3880

■ 11.1438, 0.2149,
0.1367

■ 8.3130, 0.1979,
0.1098

■ 6.3347, 0.1828,
0.0885

■ 5.1037, 0.1706,
0.0741

Harmonies

Analogous

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



50.2996, 0.3035, 0.3193



50.2996, 0.3083, 0.3190



50.2996, 0.3143, 0.3213

Triad

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



50.2996, 0.3083, 0.3190



50.2996, 0.3244, 0.3357



50.2996, 0.3056, 0.3324

Complementary

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



50.2996, 0.3083, 0.3190



53.9410, 0.3170, 0.3389

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.



50.2996, 0.3111, 0.3369



50.2996, 0.3083, 0.3190



50.2996, 0.3220, 0.3388

Square

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



50.2996, 0.3083, 0.3190



50.2996, 0.3236, 0.3309



50.2996, 0.3171, 0.3393



50.2996, 0.3020, 0.3269

Rectangle

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



50.2996, 0.3083, 0.3190



50.2996, 0.3182, 0.3241



50.2996, 0.3171, 0.3393



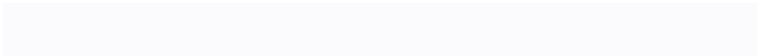
50.2996, 0.3073, 0.3340

Sweetspot

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



50.3017, 0.3083, 0.3190



95.8115, 0.3116, 0.3266



52.6381, 0.3065, 0.3265



21.0023, 0.3117, 0.3267



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.



50.3017, 0.3083, 0.3190



88.3403, 0.3072, 0.3165



50.8138, 0.3115, 0.3191



10.6630, 0.3066, 0.3152



3.0344, 0.1660, 0.0688



0.1654, 0.1905, 0.0823

Inverse Universe

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



50.9862, 0.3148, 0.3217



89.8515, 0.3153, 0.3199



53.4291, 0.3138, 0.3390



10.8665, 0.3155, 0.3189



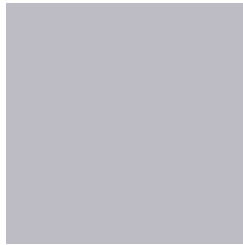
8.8859, 0.3974, 0.1963



0.3946, 0.3768, 0.1850

Previews

White Background



This preview shows how the Yxy color 50.2996, 0.3083, 0.3190 looks on a white background.

Color Contrast Check

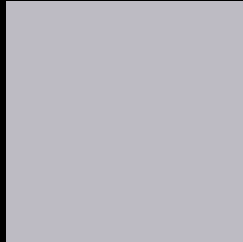
Large Text (above 18pt) WCAG AA × Fail

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 50.2996, 0.3083, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

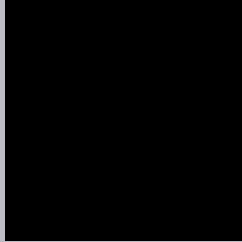
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

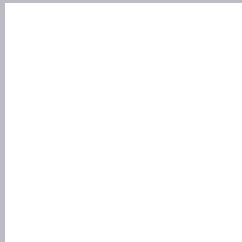
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2996, 0.3083, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 50.2996, 0.3083, 0.3190.

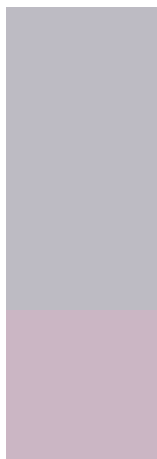


This preview shows how white text looks on a background with the Yxy color 50.2996, 0.3083, 0.3190.

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

50.2996, 0.3083, 0.3190

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

50.1379, 0.3194, 0.3121



Tritanopia

50.2820, 0.3046, 0.3104

Trichromacy



Original Color

50.2996, 0.3083, 0.3190

Protanomaly

50.2996, 0.3083, 0.3190

Deuteranomaly

50.2723, 0.3151, 0.3143

Tritanomaly

50.1885, 0.3061, 0.3128

Monochromacy



Original Color

50.2996, 0.3083, 0.3190

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5468, 0.3112, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2996, 0.3083, 0.3190 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(189, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 195)  
}
```

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(189, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.2996, 0.3083, 0.3190 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(189, 187, 195) }
```

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

```
.border{ border-color:rgb(189, 187, 195) }
```

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

Here you see how a box with a 4 pixel rgb(189, 187, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2996, 0.3083, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 195) }
```

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

```
.background{ background-color: rgb(189,  
187, 195) }
```

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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