

Converting Colors

Yxy(50.9441, 0.3177, 0.3244)

Have a look what the booklet for
Yxy(50.9441, 0.3177, 0.3244)
contains.

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Color

Yxy(50.9941, 0.3179, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C4BBBE
RGB	196, 187, 190
RGB Percent	77%, 73%, 75%
CMY	0.2313, 0.2667, 0.2549
CMYK	0.00, 0.05, 0.03, 0.23
HSL	340°, 7%, 75%
HSV	340°, 5%, 77%
XYZ	49.8341, 50.9941, 55.9320
YIQ	190.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

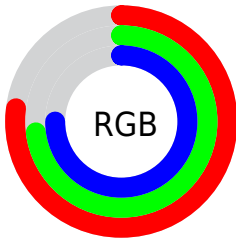
Format	Color
R _{YB}	196, 187, 190
Decimal	12893118
CIE Lab	76.68, 3.72, -0.39
CIE LCh	77, 3.738, 354.002
Yxy	50.9941, 0.3179, 0.3253
Android (android.graphics.Color)	4291083198 (0xFFC4BBBE)
YUV	190.0330, -0.0163, 5.2331
Hunter-Lab	71.4102, -0.4003, 3.5482

Details

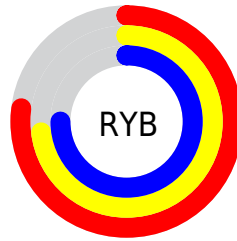
The Yxy color **50.9941, 0.3179, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9064, 0.3078, 0.3327**, and the grayscale version is **51.5135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6377, 0.3174, 0.3261**, and **24.6071, 0.3186, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **42.6927, 0.3310, 0.3169**, and if you desaturate by 10%, it is **60.4865, 0.3072, 0.3332**.

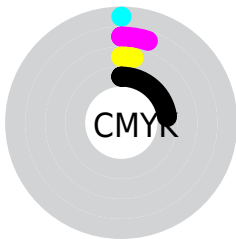
Distribution



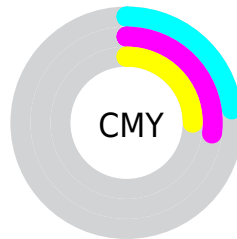
- Red (77%)
- Green (73%)
- Blue (75%)



- Red (77%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (23%)





- Cyan (23%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9941, 0.3179, 0.3253 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 50.9941, 0.3179, 0.3253 by changing the saturation by 10% instead.

 50.9941, 0.3179,
0.3253

 50.9941, 0.3179,
0.3253


390.5409, 0.3154,
0.3271

 36.2039, 0.3185,
0.3249


 91.6461, 0.3170,
0.3260

 24.5917, 0.3193,
0.3243


118.2766, 0.3166,
0.3262

 15.7731, 0.3204,
0.3235


149.6227, 0.3163,
0.3264

 9.3638, 0.3218,
0.3225

186.0688, 0.3161,
0.3266

 4.9792, 0.3239,
0.3210

227.9993, 0.3159,
0.3268

 2.2351, 0.3274,
0.3185

275.7985, 0.3157,

 0.7390, 0.3355,

0.3269

0.3126

329.8509, 0.3155,
0.3270

0.0000, 0.0000,
0.0000

50.9941, 0.3179,
0.3253

50.9941, 0.3179,
0.3253

42.6927, 0.3310,
0.3169

60.4865, 0.3072,
0.3332

35.5286, 0.3469,
0.3080

71.2077, 0.2985,
0.3404

29.4539, 0.3663,
0.2990

83.2019, 0.2913,
0.3471

24.4146, 0.3896,
0.2903

89.6885, 0.2848,
0.3424

20.3522, 0.4170,
0.2827

90.4790, 0.2784,
0.3289

■ 17.2021, 0.4482,
0.2771

■ 14.8921, 0.4822,
0.2748

■ 13.3386, 0.5168,
0.2769

■ 12.4407, 0.5492,
0.2839

Harmonies

Analogous

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



50.9941, 0.3130, 0.3219



50.9941, 0.3179, 0.3253



50.9941, 0.3215, 0.3297

Triad

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



50.9941, 0.3179, 0.3253



50.9941, 0.3174, 0.3378



50.9941, 0.3029, 0.3240

Complementary

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



50.9941, 0.3179, 0.3253



53.9064, 0.3078, 0.3327

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.



50.9941, 0.3041, 0.3282



50.9941, 0.3179, 0.3253



50.9941, 0.3124, 0.3363

Square

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



50.9941, 0.3179, 0.3253



50.9941, 0.3212, 0.3369



50.9941, 0.3075, 0.3328



50.9941, 0.3043, 0.3211

Rectangle

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



50.9941, 0.3179, 0.3253



50.9941, 0.3226, 0.3326



50.9941, 0.3075, 0.3328



50.9941, 0.3030, 0.3253

Sweetspot

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



50.9963, 0.3179, 0.3253



98.2747, 0.3138, 0.3282



50.8656, 0.3108, 0.3178



21.0530, 0.3138, 0.3282



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.



50.9963, 0.3179, 0.3253



89.9836, 0.3197, 0.3241



51.5080, 0.3201, 0.3309



10.6473, 0.3202, 0.3237



7.8022, 0.5616, 0.2867



0.3501, 0.4978, 0.2516

Inverse Universe

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



50.9963, 0.3179, 0.3253



89.9836, 0.3197, 0.3241



53.3664, 0.3057, 0.3271



10.6473, 0.3202, 0.3237



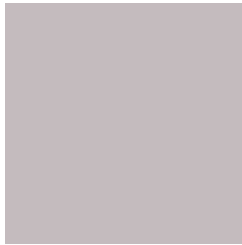
7.8022, 0.5616, 0.2867



0.3501, 0.4978, 0.2516

Previews

White Background



This preview shows how the Yxy color 50.9941, 0.3179, 0.3253 looks on a white background.

Color Contrast Check

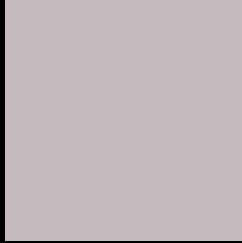
Large Text (above 18pt) WCAG AA × Fail

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 50.9941, 0.3179, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

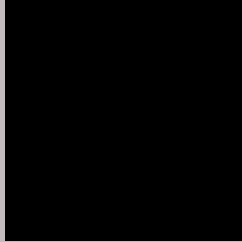
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

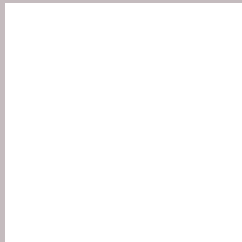
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9941, 0.3179, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 50.9941, 0.3179, 0.3253.

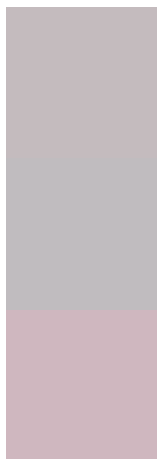


This preview shows how white text looks on a background with the Yxy color 50.9941, 0.3179, 0.3253.

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

50.9941, 0.3179, 0.3253

Protanopia

50.9345, 0.3137, 0.3253

Deuteranopia

50.8940, 0.3268, 0.3194



Tritanopia

50.8738, 0.3119, 0.3108

Trichromacy



Original Color

50.9941, 0.3179, 0.3253

Protanomaly

51.0655, 0.3145, 0.3253

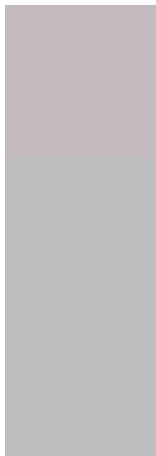
Deuteranomaly

50.7391, 0.3233, 0.3205

Tritanomaly

50.9737, 0.3141, 0.3168

Monochromacy



Original Color

50.9941, 0.3179, 0.3253

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3194, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9941, 0.3179, 0.3253 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(196, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 190)  
}
```

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(196, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.9941, 0.3179, 0.3253 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(196, 187, 190) }
```

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

```
.border{ border-color:rgb(196, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 187,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9941, 0.3179, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 190) }
```

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

```
.background{ background-color: rgb(196,  
187, 190) }
```

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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