

Converting Colors

$Yxy(51.4377, 0.3151, 0.3196)$

Have a look what the booklet for
Yxy(51.4377, 0.3151, 0.3196)
contains.

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Color

Yxy(51.3511, 0.3148, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	C5BBC3
RGB	197, 187, 195
RGB Percent	77%, 73%, 76%
CMY	0.2275, 0.2666, 0.2352
CMYK	0.00, 0.05, 0.01, 0.23
HSL	312°, 8%, 75%
HSV	312°, 5%, 77%
XYZ	50.6433, 51.3511, 58.8800
YIQ	190.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

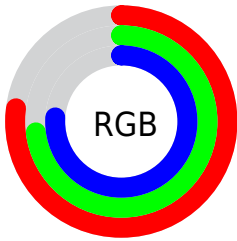
Format	Color
R _Y B	197, 187, 195
Decimal	12958659
CIE Lab	76.89, 4.96, -2.78
CIE LCh	77, 5.686, 330.678
Yxy	51.3511, 0.3148, 0.3192
Android (android.graphics.Color)	4291148739 (0xFFC5BBC3)
YUV	190.9020, 2.0203, 5.3479
Hunter-Lab	71.6597, 0.7449, 1.4455

Details

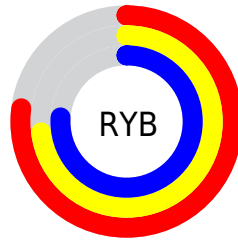
The Yxy color **51.3511, 0.3148, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1617, 0.3107, 0.3390**, and the grayscale version is **52.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2003, 0.3144, 0.3203**, and **24.8129, 0.3155, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **43.3870, 0.3194, 0.2992**, and if you desaturate by 10%, it is **60.4705, 0.3108, 0.3383**.

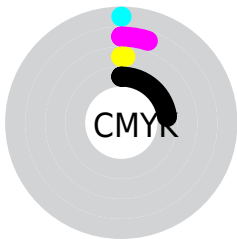
Distribution



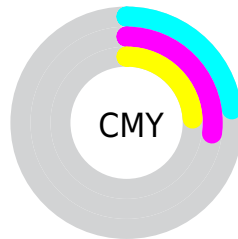
- Red (77%)
- Green (73%)
- Blue (76%)



- Red (77%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3511, 0.3148, 0.3192 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 51.3511, 0.3148, 0.3192 by changing the saturation by 10% instead.


 51.3511, 0.3148,
0.3192

 51.3511, 0.3148,
0.3192

391.9263, 0.3138,
0.3240

 36.4881, 0.3150,
0.3180


 92.1735, 0.3144,
0.3209

 24.8114, 0.3153,
0.3166


118.9018, 0.3143,
0.3216

 15.9366, 0.3157,
0.3146


150.3539, 0.3142,
0.3221

 9.4793, 0.3163,
0.3120

186.9143, 0.3141,
0.3226

 5.0551, 0.3171,
0.3081

228.9673, 0.3140,
0.3230

 2.2796, 0.3183,
0.3020

276.8974, 0.3139,

 0.7629, 0.3210,

0.3234

0.2895

331.0890, 0.3139,
0.3237

0.0000, 0.0000,
0.0000

51.3511, 0.3148,
0.3192

51.3511, 0.3148,
0.3192

43.3870, 0.3194,
0.2992

60.4705, 0.3108,
0.3383

36.5253, 0.3247,
0.2787

70.7824, 0.3075,
0.3563

30.7185, 0.3307,
0.2584

82.3304, 0.3046,
0.3730

25.9134, 0.3373,
0.2389

88.0673, 0.3023,
0.3777

22.0520, 0.3445,
0.2211

88.2638, 0.3002,
0.3733

■ 19.0701, 0.3520,
0.2062

■ 88.4649, 0.2981,
0.3689

■ 16.8961, 0.3598,
0.1950

■ 88.6709, 0.2960,
0.3646

■ 15.4464, 0.3674,
0.1881

■ 88.8816, 0.2939,
0.3602

■ 14.6197, 0.3747,
0.1858

■ 89.0972, 0.2918,
0.3559

Harmonies

Analogous

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



51.3511, 0.3071, 0.3162



51.3511, 0.3148, 0.3192



51.3511, 0.3220, 0.3248

Triad

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



51.3511, 0.3148, 0.3192



51.3511, 0.3246, 0.3417



51.3511, 0.2989, 0.3262

Complementary

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



51.3511, 0.3148, 0.3192



54.1617, 0.3107, 0.3390

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.



51.3511, 0.3034, 0.3332



51.3511, 0.3148, 0.3192



51.3511, 0.3183, 0.3422

Square

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



51.3511, 0.3148, 0.3192



51.3511, 0.3277, 0.3377



51.3511, 0.3105, 0.3391



51.3511, 0.2980, 0.3201

Rectangle

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



51.3511, 0.3148, 0.3192



51.3511, 0.3256, 0.3292



51.3511, 0.3105, 0.3391



51.3511, 0.3000, 0.3286

Sweetspot

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



51.3533, 0.3148, 0.3192



96.7245, 0.3135, 0.3251



50.3735, 0.3066, 0.3166



20.7373, 0.3135, 0.3253



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.



51.3533, 0.3148, 0.3192



90.4311, 0.3152, 0.3172



51.1376, 0.3186, 0.3251



11.3006, 0.3155, 0.3162



9.4476, 0.3774, 0.1853



0.4568, 0.3635, 0.1776

Inverse Universe

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



51.3533, 0.3148, 0.3192



90.4311, 0.3152, 0.3172



54.3757, 0.3072, 0.3329



11.3006, 0.3155, 0.3162



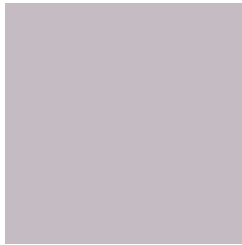
9.4476, 0.3774, 0.1853



0.4568, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 51.3511, 0.3148, 0.3192 looks on a white background.

Color Contrast Check

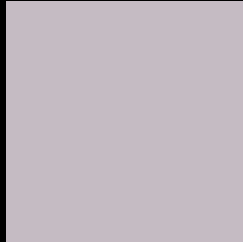
Large Text (above 18pt) WCAG AA × Fail

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 51.3511, 0.3148, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

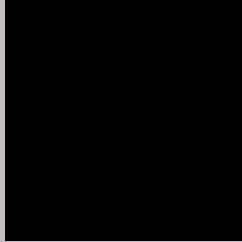
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

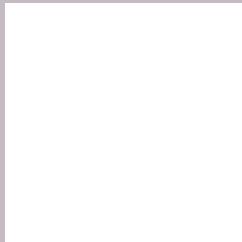
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3511, 0.3148, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 51.3511, 0.3148, 0.3192.

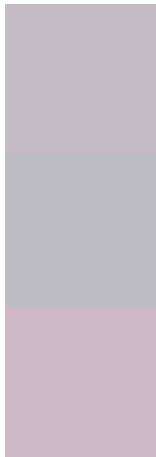


This preview shows how white text looks on a background with the Yxy color 51.3511, 0.3148, 0.3192.

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

51.3511, 0.3148, 0.3192

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.2456, 0.3210, 0.3146



Tritanopia

51.3406, 0.3111, 0.3108

Trichromacy



Original Color

51.3511, 0.3148, 0.3192

Protanomaly

51.2894, 0.3107, 0.3191

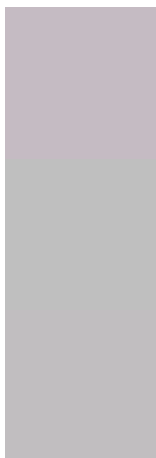
Deuteranomaly

51.2400, 0.3184, 0.3157

Tritanomaly

51.2471, 0.3126, 0.3132

Monochromacy



Original Color

51.3511, 0.3148, 0.3192

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9701, 0.3136, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3511, 0.3148, 0.3192 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(197, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.3511, 0.3148, 0.3192 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(197, 187, 195) }
```

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

```
.border{ border-color:rgb(197, 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(197, 187, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 187, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 187, 195); box-shadow:4px 4px 4px 4px rgb(197, 187, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3511, 0.3148, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 195) }
```

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

```
.background{ background-color: rgb(197,  
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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