

Converting Colors

Yxy(51.7388, 0.3170, 0.3184)

Have a look what the booklet for
Yxy(51.7388, 0.3170, 0.3184)
contains.

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Color

Yxy(51.8055, 0.3165, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	C8BBC4
RGB	200, 187, 196
RGB Percent	78%, 73%, 77%
CMY	0.2159, 0.2666, 0.2314
CMYK	0.00, 0.06, 0.02, 0.22
HSL	318°, 11%, 76%
HSV	318°, 6%, 78%
XYZ	51.5449, 51.8055, 59.5087
YIQ	191.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

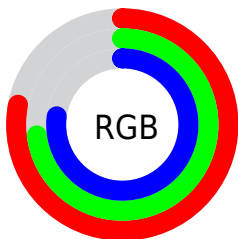
Format	Color
R _Y B	200, 187, 196
Decimal	13155268
CIE Lab	77.16, 6.17, -2.89
CIE LCh	77, 6.815, 334.897
Yxy	51.8055, 0.3165, 0.3181
Android (android.graphics.Color)	4291345348 (0xFFC8BBC4)
YUV	191.9130, 2.0149, 7.0923
Hunter-Lab	71.9760, 1.8729, 1.3631

Details

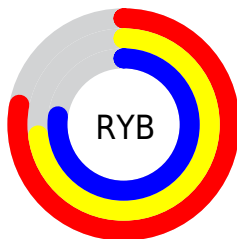
The Yxy color **51.8055, 0.3165, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6160, 0.3091, 0.3402**, and the grayscale version is **52.6431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4530, 0.3145, 0.3194**, and **25.1142, 0.3178, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **43.6324, 0.3232, 0.3006**, and if you desaturate by 10%, it is **61.1757, 0.3108, 0.3348**.

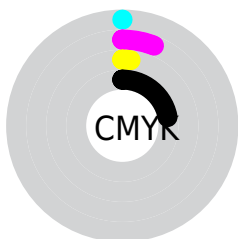
Distribution



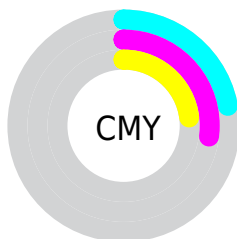
- Red (78%)
- Green (73%)
- Blue (77%)



- Red (78%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8055, 0.3165, 0.3181 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 51.8055, 0.3165, 0.3181 by changing the saturation by 10% instead.

 51.8055, 0.3165,
0.3181

 51.8055, 0.3165,
0.3181


393.6853, 0.3147,
0.3234

 36.8501, 0.3169,
0.3168


 92.8443, 0.3158,
0.3200

 25.0914, 0.3175,
0.3152


119.6965, 0.3156,
0.3207

 16.1452, 0.3182,
0.3130


151.2831, 0.3154,
0.3213

 9.6269, 0.3192,
0.3101

187.9884, 0.3152,
0.3219

 5.1523, 0.3207,
0.3059

230.1969, 0.3150,
0.3223

 2.3369, 0.3229,
0.2993

278.2929, 0.3149,

 0.7931, 0.3273,

0.3227

0.2865

332.6609, 0.3148,
0.3231

0.0000, 0.0000,
0.0000

51.8055, 0.3165,
0.3181

51.8055, 0.3165,
0.3181

43.6324, 0.3232,
0.3006

61.1757, 0.3108,
0.3348

36.6011, 0.3311,
0.2826

71.7822, 0.3060,
0.3504

30.6617, 0.3401,
0.2647

83.6706, 0.3021,
0.3650

25.7582, 0.3504,
0.2475

88.9841, 0.2987,
0.3663

21.8296, 0.3618,
0.2319

89.3147, 0.2954,
0.3596

■ 18.8083, 0.3741,
0.2192

■ 89.6572, 0.2921,
0.3528

■ 16.6181, 0.3870,
0.2102

■ 90.0118, 0.2889,
0.3462

■ 15.1703, 0.4001,
0.2059

■ 90.3786, 0.2857,
0.3396

■ 14.3503, 0.4128,
0.2065

■ 90.7577, 0.2825,
0.3331

Harmonies

Analogous

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



51.8055, 0.3072, 0.3140



51.8055, 0.3165, 0.3181



51.8055, 0.3249, 0.3250

Triad

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



51.8055, 0.3165, 0.3181



51.8055, 0.3260, 0.3445



51.8055, 0.2958, 0.3245

Complementary

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



51.8055, 0.3165, 0.3181



55.6160, 0.3091, 0.3402

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.



51.8055, 0.3006, 0.3329



51.8055, 0.3165, 0.3181



51.8055, 0.3181, 0.3446

Square

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



51.8055, 0.3165, 0.3181



51.8055, 0.3304, 0.3402



51.8055, 0.3088, 0.3403



51.8055, 0.2953, 0.3175

Rectangle

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



51.8055, 0.3165, 0.3181



51.8055, 0.3288, 0.3304



51.8055, 0.3088, 0.3403



51.8055, 0.2969, 0.3273

Sweetspot

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



51.8077, 0.3165, 0.3181



96.6891, 0.3139, 0.3256



50.7802, 0.3061, 0.3130



20.7301, 0.3138, 0.3258



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.



51.8077, 0.3165, 0.3181



87.2729, 0.3175, 0.3153



51.5226, 0.3215, 0.3259



10.7593, 0.3183, 0.3131



9.0075, 0.4156, 0.2063



0.4390, 0.3913, 0.1929

Inverse Universe

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



51.8077, 0.3165, 0.3181



87.2729, 0.3175, 0.3153



55.9038, 0.3046, 0.3322



10.7593, 0.3183, 0.3131



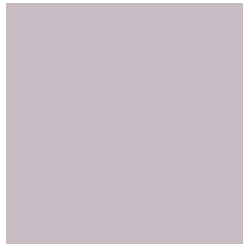
9.0075, 0.4156, 0.2063



0.4390, 0.3913, 0.1929

Previews

White Background



This preview shows how the Yxy color 51.8055, 0.3165, 0.3181 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 51.8055, 0.3165, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

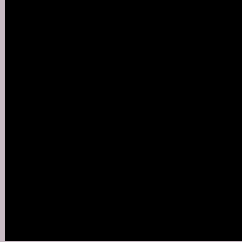
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8055, 0.3165, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 51.8055, 0.3165, 0.3181.



This preview shows how white text looks on a background with the Yxy color 51.8055, 0.3165, 0.3181.

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

51.8055, 0.3165, 0.3181

Protanopia

52.0646, 0.3091, 0.3204

Deuteranopia

51.8053, 0.3217, 0.3159



Tritanopia

51.7524, 0.3136, 0.3109

Trichromacy



Original Color

51.8055, 0.3165, 0.3181

Protanomaly

52.0285, 0.3115, 0.3192

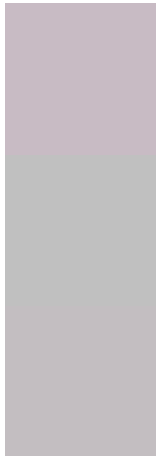
Deuteranomaly

51.9407, 0.3200, 0.3170

Tritanomaly

51.6588, 0.3151, 0.3133

Monochromacy



Original Color

51.8055, 0.3165, 0.3181

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2793, 0.3145, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8055, 0.3165, 0.3181 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(200, 187, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 196)  
}
```

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(200, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.8055, 0.3165, 0.3181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

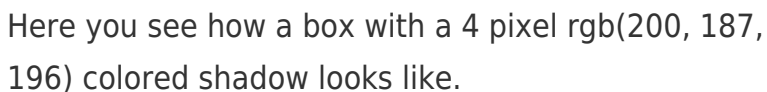
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 187, 196) }
```

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

```
.border{ border-color:rgb(200, 187, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 187, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 187, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 187, 196); box-shadow:4px 4px 4px 4px rgb(200, 187, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8055, 0.3165, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 196) }
```

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

```
.background{ background-color: rgb(200,  
187, 196) }
```

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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