

Converting Colors

Yxy(51.7783, 0.3079, 0.3084)

Have a look what the booklet for
Yxy(51.7783, 0.3079, 0.3084)
contains.

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Color

Yxy(51.7706, 0.3080, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	C5BBCC
RGB	197, 187, 204
RGB Percent	77%, 73%, 80%
CMY	0.2273, 0.2667, 0.2000
CMYK	0.03, 0.08, 0.00, 0.20
HSL	275°, 14%, 77%
HSV	275°, 8%, 80%
XYZ	51.7035, 51.7706, 64.3943
YIQ	191.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

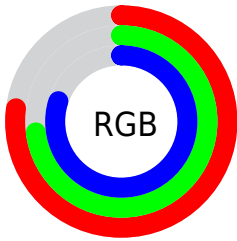
Format	Color
R _Y B	197, 187, 204
Decimal	12958668
CIE Lab	77.14, 6.68, -7.29
CIE LCh	77, 9.884, 312.516
Yxy	51.7706, 0.3080, 0.3084
Android (android.graphics.Color)	4291148748 (0xFFC5BBCC)
YUV	191.9280, 5.9515, 4.4481
Hunter-Lab	71.9518, 2.3517, -2.6962

Details

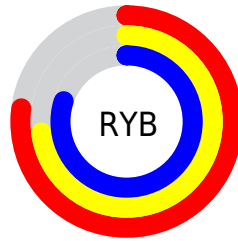
The Yxy color **51.7706, 0.3080, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2364, 0.3171, 0.3498**, and the grayscale version is **52.6366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3920, 0.3126, 0.3175**, and **25.0918, 0.3062, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **42.6279, 0.3014, 0.2820**, and if you desaturate by 10%, it is **62.2096, 0.3136, 0.3329**.

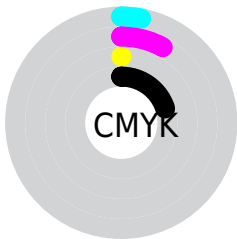
Distribution



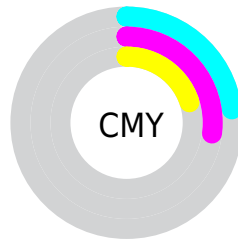
- Red (77%)
- Green (73%)
- Blue (80%)



- Red (77%)
- Yellow (73%)
- Blue (80%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7706, 0.3080, 0.3084 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 51.7706, 0.3080, 0.3084 by changing the saturation by 10% instead.

■ 51.7706, 0.3080,
0.3084

■ 51.7706, 0.3080,
0.3084

■ 393.5504, 0.3104,
0.3184

■ 36.8223, 0.3074,
0.3060

■ 92.7928, 0.3089,
0.3120

■ 25.0699, 0.3066,
0.3030

■ 119.6355, 0.3092,
0.3133

■ 16.1291, 0.3056,
0.2990

■ 151.2118, 0.3095,
0.3145

■ 9.6156, 0.3042,
0.2936

■ 187.9060, 0.3097,
0.3155

■ 5.1448, 0.3021,
0.2859

■ 230.1026, 0.3099,
0.3163

■ 2.3325, 0.2986,
0.2739

■ 278.1859, 0.3101,

■ 0.7908, 0.2922,

0.3171

0.2520

332.5403, 0.3102,
0.3178

0.0000, 0.0000,
0.0000

51.7706, 0.3080,
0.3084

51.7706, 0.3080,
0.3084

42.6279, 0.3014,
0.2820

62.2096, 0.3136,
0.3329

34.7222, 0.2938,
0.2543

73.9878, 0.3182,
0.3555

27.9997, 0.2850,
0.2258

87.1543, 0.3221,
0.3759

22.3995, 0.2753,
0.1975

92.7726, 0.3268,
0.3817

17.8554, 0.2648,
0.1705

94.1899, 0.3322,
0.3808

■ 14.2941, 0.2539,
0.1464

■ 95.6742, 0.3377,
0.3799

■ 11.6324, 0.2428,
0.1261

■ 97.1397, 0.3430,
0.3790

■ 9.7727, 0.2322,
0.1108

■ 8.5665, 0.2222,
0.1004

Harmonies

Analogous

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



51.7706, 0.2960, 0.3065



51.7706, 0.3080, 0.3084



51.7706, 0.3215, 0.3155

Triad

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



51.7706, 0.3080, 0.3084



51.7706, 0.3374, 0.3472



51.7706, 0.2929, 0.3315

Complementary

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



51.7706, 0.3080, 0.3084



58.2364, 0.3171, 0.3498

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.



51.7706, 0.3037, 0.3431



51.7706, 0.3080, 0.3084



51.7706, 0.3294, 0.3522

Square

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



51.7706, 0.3080, 0.3084



51.7706, 0.3387, 0.3376



51.7706, 0.3170, 0.3507



51.7706, 0.2874, 0.3195

Rectangle

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



51.7706, 0.3080, 0.3084



51.7706, 0.3295, 0.3223



51.7706, 0.3170, 0.3507



51.7706, 0.2960, 0.3356

Sweetspot

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



51.7728, 0.3080, 0.3084



94.6271, 0.3111, 0.3217



53.5420, 0.2999, 0.3168



19.9541, 0.3106, 0.3197



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.



51.7728, 0.3080, 0.3084



82.8708, 0.3069, 0.3038



52.6665, 0.3148, 0.3104



11.1661, 0.3074, 0.3057



5.3378, 0.2219, 0.0996



0.3191, 0.2410, 0.1101

Inverse Universe

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



52.2673, 0.3215, 0.3206



83.8629, 0.3236, 0.3188



57.3985, 0.3107, 0.3483



11.2885, 0.3227, 0.3196



8.4949, 0.5322, 0.2705



0.4532, 0.4812, 0.2425

Previews

White Background



This preview shows how the Yxy color 51.7706, 0.3080, 0.3084 looks on a white background.

Color Contrast Check

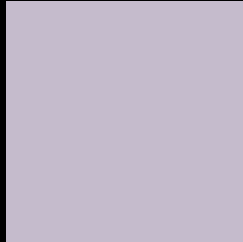
Large Text (above 18pt) WCAG AA × Fail

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 51.7706, 0.3080, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

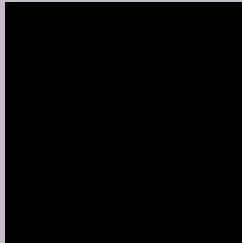
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7706, 0.3080, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 51.7706, 0.3080, 0.3084.

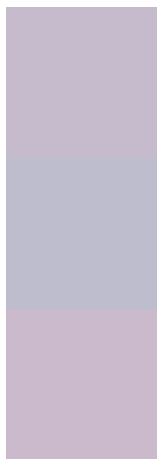


This preview shows how white text looks on a background with the Yxy color 51.7706, 0.3080, 0.3084.

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

51.7706, 0.3080, 0.3084

Protanopia

51.7501, 0.3016, 0.3093

Deuteranopia

51.7541, 0.3130, 0.3063



Tritanopia

51.6752, 0.3095, 0.3108

Trichromacy



Original Color

51.7706, 0.3080, 0.3084

Protanomaly

51.7117, 0.3040, 0.3083

Deuteranomaly

51.8950, 0.3113, 0.3074

Tritanomaly

51.7228, 0.3087, 0.3096

Monochromacy



Original Color

51.7706, 0.3080, 0.3084

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2818, 0.3114, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7706, 0.3080, 0.3084 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.7706, 0.3080, 0.3084 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, 204) }
```

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

```
.border{ border-color:rgb(197, 187, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7706, 0.3080, 0.3084 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, 204) }
```

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

```
.background{ background-color: rgb(197,  
187, 204) }
```

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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