

Converting Colors

$Yxy(53.2806, 0.3009, 0.3107)$

Have a look what the booklet for
Yxy(53.2806, 0.3009, 0.3107)
contains.

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Color

Yxy(53.2806, 0.3009, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0CF
RGB	191, 192, 207
RGB Percent	75%, 75%, 81%
CMY	0.2510, 0.2471, 0.1882
CMYK	0.08, 0.07, 0.00, 0.19
HSL	236°, 14%, 78%
HSV	236°, 8%, 81%
XYZ	51.6000, 53.2806, 66.6050
YIQ	193.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

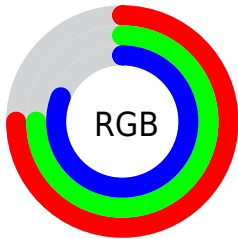
Format	Color
RYB	191, 192, 207
Decimal	12566735
CIELab	78.04, 2.54, -7.64
CIELCh	78, 8.050, 288.401
Yxy	53.2806, 0.3009, 0.3107
Android (android.graphics.Color)	4290756815 (0xFFBFC0CF)
YUV	193.4110, 6.6994, -2.1144
Hunter-Lab	72.9936, -1.5549, -3.0053

Details

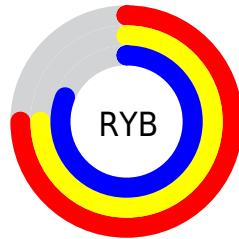
The Yxy color $53.2806, 0.3009, 0.3107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.1812, 0.3242, 0.3467$, and the grayscale version is $53.5470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1290, 0.3080, 0.3222$, and $26.1684, 0.2979, 0.3061$ is the 20% darker color. If you saturate the color by 10%, you get $42.8152, 0.2839, 0.2842$, and if you desaturate by 10%, it is $65.2543, 0.3160, 0.3340$.

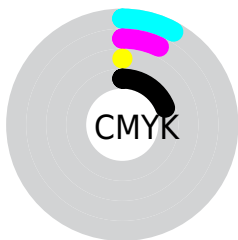
Distribution



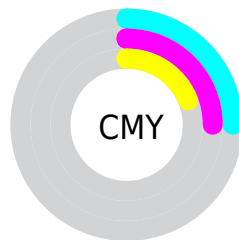
- Red (75%)
- Green (75%)
- Blue (81%)



- Red (75%)
- Yellow (75%)
- Blue (81%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2806, 0.3009, 0.3107 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 53.2806, 0.3009, 0.3107 by changing the saturation by 10% instead.

■ 53.2806, 0.3009,
0.3107

■ 53.2806, 0.3009,
0.3107

■ 399.3607, 0.3067,
0.3196

■ 38.0268, 0.2995,
0.3086

■ 95.0171, 0.3030,
0.3139

■ 26.0035, 0.2977,
0.3059

■ 122.2687, 0.3038,
0.3151

■ 16.8263, 0.2954,
0.3023

■ 154.2883, 0.3044,
0.3161

■ 10.1107, 0.2921,
0.2975

■ 191.4603, 0.3050,
0.3170

■ 5.4724, 0.2875,
0.2906

■ 234.1692, 0.3055,
0.3178

■ 2.5270, 0.2801,
0.2799

■ 282.7993, 0.3060,

■ 0.8901, 0.2668,

0.3185

0.2611

337.7350, 0.3063,
0.3191

0.0000, 0.0000,
0.0000

53.2806, 0.3009,
0.3107

53.2806, 0.3009,
0.3107

42.8152, 0.2839,
0.2842

65.2543, 0.3160,
0.3340

33.7920, 0.2652,
0.2547

78.7857, 0.3292,
0.3543

26.1496, 0.2450,
0.2225

93.9305, 0.3407,
0.3718

19.8198, 0.2241,
0.1888

97.2857, 0.3412,
0.3760

14.7288, 0.2036,
0.1552

■ 10.7951, 0.1849,
0.1238

■ 7.9277, 0.1693,
0.0972

■ 6.0217, 0.1582,
0.0773

■ 4.9457, 0.1520,
0.0652

Harmonies

Analogous

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



53.2806, 0.2940, 0.3130



53.2806, 0.3009, 0.3107



53.2806, 0.3111, 0.3131

Triad

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



53.2806, 0.3009, 0.3107



53.2806, 0.3339, 0.3378



53.2806, 0.3035, 0.3387

Complementary

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



53.2806, 0.3009, 0.3107



61.1812, 0.3242, 0.3467

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.



53.2806, 0.3141, 0.3456



53.2806, 0.3009, 0.3107



53.2806, 0.3318, 0.3449

Square

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



53.2806, 0.3009, 0.3107



53.2806, 0.3303, 0.3286



53.2806, 0.3244, 0.3479



53.2806, 0.2954, 0.3291

Rectangle

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



53.2806, 0.3009, 0.3107



53.2806, 0.3184, 0.3171



53.2806, 0.3244, 0.3479



53.2806, 0.3069, 0.3414

Sweetspot

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



53.2829, 0.3009, 0.3107



96.0319, 0.3097, 0.3244



60.1638, 0.3016, 0.3302



20.5964, 0.3099, 0.3246



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.



53.2829, 0.3009, 0.3107



82.9331, 0.2987, 0.3073



53.7678, 0.3064, 0.3098



11.5341, 0.2982, 0.3065



3.0658, 0.1512, 0.0643



0.2138, 0.1551, 0.0781

Inverse Universe

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



54.3374, 0.3251, 0.3278



84.9119, 0.3275, 0.3276



60.6849, 0.3187, 0.3481



11.8200, 0.3281, 0.3276



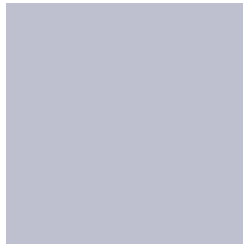
8.3808, 0.6328, 0.3260



0.4729, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 53.2806, 0.3009, 0.3107 looks on a white background.

Color Contrast Check

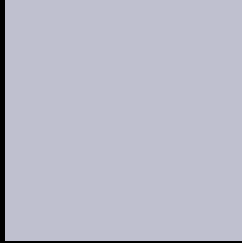
Large Text (above 18pt) WCAG AA × Fail

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 53.2806, 0.3009, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

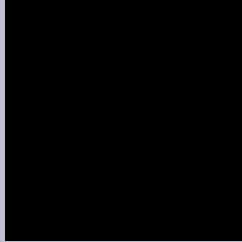
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

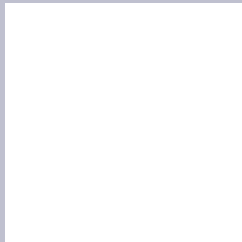
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2806, 0.3009, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 53.2806, 0.3009, 0.3107.

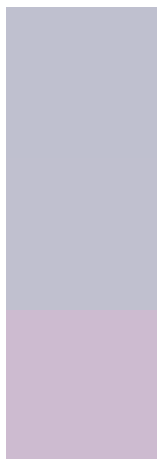


This preview shows how white text looks on a background with the Yxy color 53.2806, 0.3009, 0.3107.

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

53.2806, 0.3009, 0.3107

Protanopia

53.4107, 0.3017, 0.3108

Deuteranopia

53.0739, 0.3114, 0.3042



Tritanopia

53.2806, 0.3009, 0.3107

Trichromacy



Original Color

53.2806, 0.3009, 0.3107

Protanomaly

53.4107, 0.3017, 0.3108

Deuteranomaly

53.2286, 0.3073, 0.3063

Tritanomaly

53.2806, 0.3009, 0.3107

Monochromacy



Original Color

53.2806, 0.3009, 0.3107

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4236, 0.3082, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2806, 0.3009, 0.3107 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(191, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 207)  
}
```

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(191, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.2806, 0.3009, 0.3107 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(191, 192, 207) }
```

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

```
.border{ border-color:rgb(191, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2806, 0.3009, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 207) }
```

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

```
.background{ background-color: rgb(191,  
192, 207) }
```

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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