

Converting Colors

Yxy(53.8493, 0.3101, 0.3136)

Have a look what the booklet for
Yxy(53.8493, 0.3101, 0.3136)
contains.

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Color

Yxy(53.9006, 0.3102, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFCC
RGB	200, 191, 204
RGB Percent	78%, 75%, 80%
CMY	0.2157, 0.2510, 0.1999
CMYK	0.02, 0.06, 0.00, 0.20
HSL	281°, 11%, 77%
HSV	281°, 6%, 80%
XYZ	53.3502, 53.9006, 64.7358
YIQ	195.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

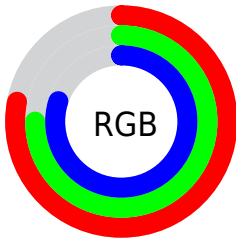
Format	Color
R _Y B	200, 191, 204
Decimal	13156300
CIE Lab	78.40, 5.54, -5.41
CIE LCh	78, 7.739, 315.664
Yxy	53.9006, 0.3102, 0.3134
Android (android.graphics.Color)	4291346380 (0xFFC8BFCC)
YUV	195.1730, 4.3517, 4.2333
Hunter-Lab	73.4170, 1.2315, -0.8873

Details

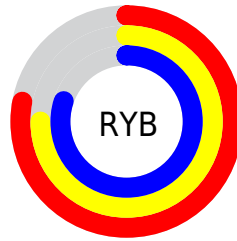
The Yxy color $53.9006, 0.3102, 0.3134$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.5684, 0.3151, 0.3448$, and the grayscale version is $54.6562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $26.4900, 0.3093, 0.3098$ is the 20% darker color. If you saturate the color by 10%, you get $44.7624, 0.3056, 0.2877$, and if you desaturate by 10%, it is $64.3190, 0.3140, 0.3375$.

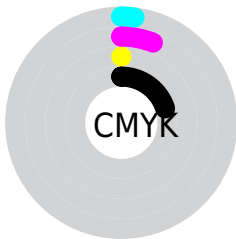
Distribution



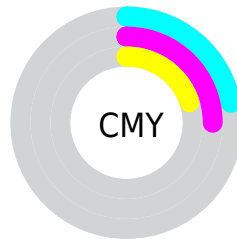
- Red (78%)
- Green (75%)
- Blue (80%)



- Red (78%)
- Yellow (75%)
- Blue (80%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9006, 0.3102, 0.3134 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 53.9006, 0.3102, 0.3134 by changing the saturation by 10% instead.

■ 53.9006, 0.3102,
0.3134

■ 53.9006, 0.3102,
0.3134

401.7309, 0.3115,
0.3209

■ 38.5222, 0.3099,
0.3116

■ 95.9283, 0.3107,
0.3161

■ 26.3882, 0.3095,
0.3093

123.3464, 0.3108,
0.3171

■ 17.1143, 0.3089,
0.3063

155.5464, 0.3110,
0.3180

■ 10.3160, 0.3082,
0.3023

192.9129, 0.3111,
0.3187

■ 5.6090, 0.3071,
0.2966

235.8302, 0.3112,
0.3194

■ 2.6088, 0.3053,
0.2877

284.6827, 0.3113,

■ 0.9311, 0.3018,

0.3200

0.2722

339.8548, 0.3114,
0.3205

0.0000, 0.0000,
0.0000

53.9006, 0.3102,
0.3134

53.9006, 0.3102,
0.3134

44.7624, 0.3056,
0.2877

64.3190, 0.3140,
0.3375

36.8462, 0.3002,
0.2608

76.0591, 0.3171,
0.3598

30.0992, 0.2940,
0.2334

89.1691, 0.3197,
0.3802

24.4624, 0.2870,
0.2063

91.9335, 0.3235,
0.3822

19.8713, 0.2793,
0.1808

92.9701, 0.3275,
0.3815

■ 16.2547, 0.2711,
0.1578

■ 94.0447, 0.3317,
0.3809

■ 13.5323, 0.2627,
0.1387

■ 95.1577, 0.3358,
0.3802

■ 11.6104, 0.2543,
0.1241

■ 96.3096, 0.3400,
0.3795

■ 10.3697, 0.2463,
0.1144

■ 97.1410, 0.3430,
0.3790

Harmonies

Analogous

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



53.9006, 0.3006, 0.3115



53.9006, 0.3102, 0.3134



53.9006, 0.3206, 0.3193

Triad

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



53.9006, 0.3102, 0.3134



53.9006, 0.3314, 0.3437



53.9006, 0.2967, 0.3300

Complementary

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



53.9006, 0.3102, 0.3134



58.5684, 0.3151, 0.3448

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.



53.9006, 0.3047, 0.3390



53.9006, 0.3102, 0.3134



53.9006, 0.3247, 0.3470

Square

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



53.9006, 0.3102, 0.3134



53.9006, 0.3329, 0.3367



53.9006, 0.3150, 0.3453



53.9006, 0.2930, 0.3208

Rectangle

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



53.9006, 0.3102, 0.3134



53.9006, 0.3266, 0.3248



53.9006, 0.3150, 0.3453



53.9006, 0.2990, 0.3331

Sweetspot

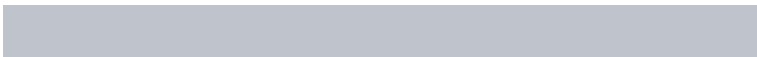
The Sweet Spot groups the original color and five complimentary colors.



53.9029, 0.3102, 0.3134



96.4906, 0.3119, 0.3241



54.5258, 0.3030, 0.3181



20.6897, 0.3120, 0.3244



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.



53.9029, 0.3102, 0.3134



86.4887, 0.3095, 0.3091



54.3522, 0.3152, 0.3164



11.2226, 0.3089, 0.3058



6.3479, 0.2445, 0.1121



0.3665, 0.2599, 0.1205

Inverse Universe

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



54.0468, 0.3203, 0.3242



86.7940, 0.3225, 0.3229



58.1439, 0.3103, 0.3420



11.2700, 0.3242, 0.3218



8.3222, 0.5707, 0.2918



0.4430, 0.5143, 0.2607

Previews

White Background



This preview shows how the Yxy color 53.9006, 0.3102, 0.3134 looks on a white background.

Color Contrast Check

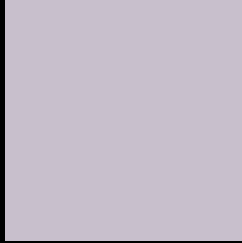
Large Text (above 18pt) WCAG AA × Fail

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 53.9006, 0.3102, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

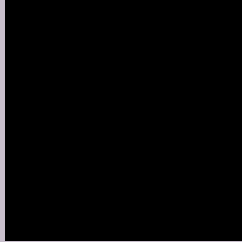
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

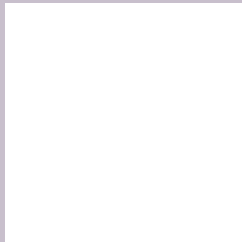
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9006, 0.3102, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 53.9006, 0.3102, 0.3134.

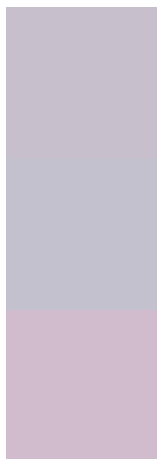


This preview shows how white text looks on a background with the Yxy color 53.9006, 0.3102, 0.3134.

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

53.9006, 0.3102, 0.3134

Protanopia

54.0170, 0.3047, 0.3145

Deuteranopia

53.7841, 0.3161, 0.3090



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

53.9006, 0.3102, 0.3134

Protanomaly

53.8428, 0.3063, 0.3133

Deuteranomaly

53.7821, 0.3136, 0.3101

Tritanomaly

53.9487, 0.3095, 0.3123

Monochromacy



Original Color

53.9006, 0.3102, 0.3134

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5311, 0.3121, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9006, 0.3102, 0.3134 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, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 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(200, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.9006, 0.3102, 0.3134 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, 191, 204) }
```

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

```
.border{ border-color:rgb(200, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9006, 0.3102, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 204) }
```

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

```
.background{ background-color: rgb(200,  
191, 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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