

Converting Colors

$Y_{xy}(53.9752, 0.2925, 0.2974)$

Have a look what the booklet for
Yxy(53.9752, 0.2925, 0.2974)
contains.

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Color

Yxy(53.8901, 0.2925, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0DB
RGB	191, 192, 219
RGB Percent	75%, 75%, 86%
CMY	0.2508, 0.2471, 0.1412
CMYK	0.13, 0.12, 0.00, 0.14
HSL	238°, 28%, 80%
HSV	238°, 13%, 86%
XYZ	53.1272, 53.8901, 74.6143
YIQ	194.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

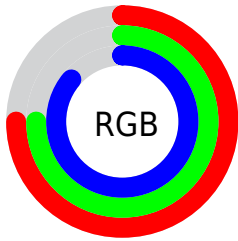
Format	Color
R _Y B	191, 192, 219
Decimal	12566747
CIE Lab	78.40, 4.99, -13.57
CIE LCh	78, 14.459, 290.174
Yxy	53.8901, 0.2925, 0.2967
Android (android.graphics.Color)	4290756827 (0xFFBFC0DB)
YUV	194.7790, 11.9410, -3.3142
Hunter-Lab	73.4099, 0.7144, -8.8758

Details

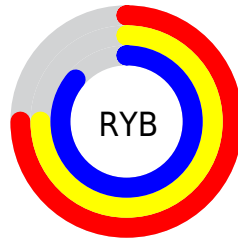
The Yxy color $53.8901, 0.2925, 0.2967$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $68.9830, 0.3319, 0.3594$, and the grayscale version is $54.3705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1290, 0.3080, 0.3222$, and $26.4639, 0.2867, 0.2890$ is the 20% darker color. If you saturate the color by 10%, you get $42.6323, 0.2744, 0.2677$, and if you desaturate by 10%, it is $66.9113, 0.3086, 0.3225$.

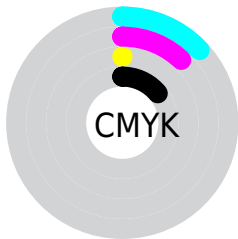
Distribution



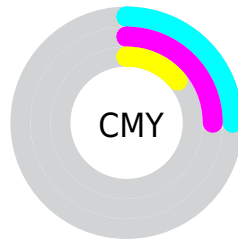
- Red (75%)
- Green (75%)
- Blue (86%)



- Red (75%)
- Yellow (75%)
- Blue (86%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8901, 0.2925, 0.2967 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 53.8901, 0.2925, 0.2967 by changing the saturation by 10% instead.

■ 53.8901, 0.2925,
0.2967

■ 53.8901, 0.2925,
0.2967

401.6908, 0.3024,
0.3122

■ 38.5138, 0.2901,
0.2930

■ 95.9129, 0.2960,
0.3022

■ 26.3817, 0.2871,
0.2884

123.3281, 0.2974,
0.3043

■ 17.1094, 0.2831,
0.2824

155.5252, 0.2985,
0.3061

■ 10.3125, 0.2777,
0.2743

192.8884, 0.2995,
0.3077

■ 5.6067, 0.2699,
0.2629

235.8021, 0.3004,
0.3090

■ 2.6074, 0.2579,
0.2457

284.6509, 0.3011,

■ 0.9304, 0.2368,

0.3102

0.2168

339.8190, 0.3018,
0.3113

0.0000, 0.0000,
0.0000

53.8901, 0.2925,
0.2967

53.8901, 0.2925,
0.2967

42.6323, 0.2744,
0.2677

66.9113, 0.3086,
0.3225

33.0559, 0.2546,
0.2356

81.7600, 0.3227,
0.3449

25.0820, 0.2336,
0.2015

97.8941, 0.3340,
0.3641

18.6232, 0.2124,
0.1667

13.5837, 0.1923,
0.1335

■ 9.8564, 0.1750,
0.1044

■ 7.3195, 0.1618,
0.0818

■ 5.8282, 0.1536,
0.0673

■ 5.2772, 0.1505,
0.0617

Harmonies

Analogous

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



53.8901, 0.2799, 0.3000



53.8901, 0.2925, 0.2967



53.8901, 0.3108, 0.3016

Triad

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



53.8901, 0.2925, 0.2967



53.8901, 0.3509, 0.3451



53.8901, 0.2951, 0.3455

Complementary

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



53.8901, 0.2925, 0.2967



68.9830, 0.3319, 0.3594

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.



53.8901, 0.3137, 0.3587



53.8901, 0.2925, 0.2967



53.8901, 0.3463, 0.3578

Square

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



53.8901, 0.2925, 0.2967



53.8901, 0.3449, 0.3289



53.8901, 0.3325, 0.3630



53.8901, 0.2814, 0.3278

Rectangle

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



53.8901, 0.2925, 0.2967



53.8901, 0.3238, 0.3087



53.8901, 0.3325, 0.3630



53.8901, 0.3010, 0.3507

Sweetspot

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



53.8923, 0.2925, 0.2967



91.9921, 0.3067, 0.3194



66.7816, 0.2942, 0.3306



19.3778, 0.3055, 0.3175



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.



53.8923, 0.2925, 0.2967



72.1084, 0.2884, 0.2901



55.1748, 0.3021, 0.2965



12.6884, 0.2981, 0.3057



3.1618, 0.1507, 0.0623



0.2306, 0.1526, 0.0692

Inverse Universe

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



56.1420, 0.3351, 0.3280



75.8221, 0.3400, 0.3278



67.6038, 0.3223, 0.3613



13.0587, 0.3286, 0.3282



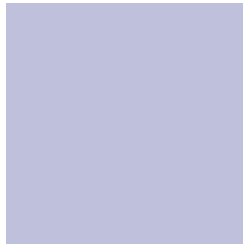
8.9429, 0.6362, 0.3278



0.5820, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 53.8901, 0.2925, 0.2967 looks on a white background.

Color Contrast Check

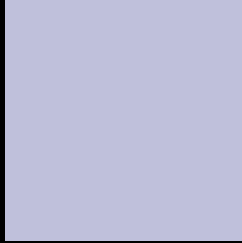
Large Text (above 18pt) WCAG AA × Fail

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 53.8901, 0.2925, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

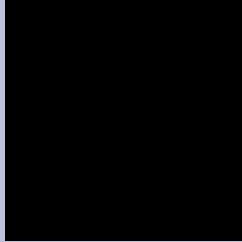
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8901, 0.2925, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 53.8901, 0.2925, 0.2967.



This preview shows how white text looks on a background with the Yxy color 53.8901, 0.2925, 0.2967.

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

53.8901, 0.2925, 0.2967

Protanopia

53.7609, 0.2917, 0.2966

Deuteranopia

53.9800, 0.2994, 0.2927



Tritanopia

54.0058, 0.2980, 0.3107

Trichromacy



Original Color

53.8901, 0.2925, 0.2967

Protanomaly

53.7609, 0.2917, 0.2966

Deuteranomaly

53.8645, 0.2963, 0.2936

Tritanomaly

53.8912, 0.2959, 0.3048

Monochromacy



Original Color

53.8901, 0.2925, 0.2967

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4125, 0.3054, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8901, 0.2925, 0.2967 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.8901, 0.2925, 0.2967 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, 219) }
```

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

```
.border{ border-color:rgb(191, 192, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8901, 0.2925, 0.2967 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, 219) }
```

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

```
.background{ background-color: rgb(191,  
192, 219) }
```

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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