

Converting Colors

$Y_{xy}(53.6950, 0.2933, 0.2984)$

Have a look what the booklet for
Yxy(53.6950, 0.2933, 0.2984)
contains.

Yxy(53.7854, 0.2939, 0.2990)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7854, 0.2939, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0D9
RGB	191, 192, 217
RGB Percent	75%, 75%, 85%
CMY	0.2508, 0.2471, 0.1491
CMYK	0.12, 0.12, 0.00, 0.15
HSL	238°, 25%, 80%
HSV	238°, 12%, 85%
XYZ	52.8680, 53.7854, 73.2309
YIQ	194.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

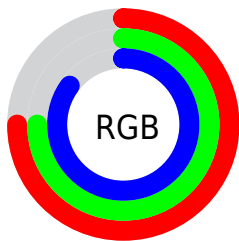
Format	Color
R _Y B	191, 192, 217
Decimal	12566745
CIE Lab	78.34, 4.58, -12.58
CIE LCh	78, 13.388, 290.000
Yxy	53.7854, 0.2939, 0.2990
Android (android.graphics.Color)	4290756825 (0xFFBFC0D9)
YUV	194.5510, 11.0674, -3.1142
Hunter-Lab	73.3385, 0.3339, -7.8660

Details

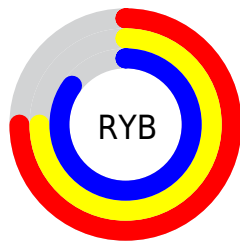
The Yxy color **53.7854, 0.2939, 0.2990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6506, 0.3306, 0.3573**, and the grayscale version is **54.2342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1290, 0.3080, 0.3222**, and **26.3922, 0.2885, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **42.6382, 0.2760, 0.2703**, and if you desaturate by 10%, it is **66.6590, 0.3098, 0.3244**.

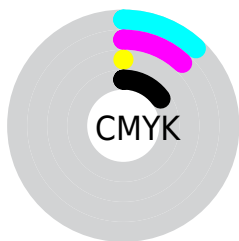
Distribution



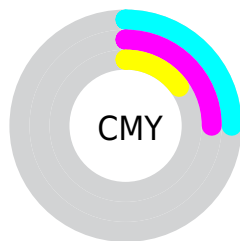
- Red (75%)
- Green (75%)
- Blue (85%)



- Red (75%)
- Yellow (75%)
- Blue (85%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7854, 0.2939, 0.2990 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 53.7854, 0.2939, 0.2990 by changing the saturation by 10% instead.

■ 53.7854, 0.2939,
0.2990

■ 53.7854, 0.2939,
0.2990

401.2911, 0.3031,
0.3134

■ 38.4301, 0.2917,
0.2956

■ 95.7591, 0.2972,
0.3041

■ 26.3167, 0.2888,
0.2912

123.1463, 0.2984,
0.3061

■ 17.0607, 0.2851,
0.2856

155.3129, 0.2995,
0.3078

■ 10.2778, 0.2801,
0.2781

192.6433, 0.3004,
0.3092

■ 5.5835, 0.2728,
0.2674

235.5220, 0.3012,
0.3105

■ 2.5935, 0.2615,
0.2511

284.3332, 0.3019,

■ 0.9234, 0.2416,

0.3116

0.2236

339.4615, 0.3026,
0.3126

0.0000, 0.0000,
0.0000

53.7854, 0.2939,
0.2990

53.7854, 0.2939,
0.2990

42.6382, 0.2760,
0.2703

66.6590, 0.3098,
0.3244

33.1375, 0.2563,
0.2386

81.3208, 0.3238,
0.3466

25.2074, 0.2354,
0.2046

97.6193, 0.3352,
0.3659

18.7633, 0.2142,
0.1699

97.7891, 0.3352,
0.3661

13.7126, 0.1940,
0.1365

■ 9.9525, 0.1764,
0.1069

■ 7.3658, 0.1628,
0.0837

■ 5.8141, 0.1542,
0.0684

■ 5.1793, 0.1505,
0.0618

Harmonies

Analogous

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



53.7854, 0.2823, 0.3021



53.7854, 0.2939, 0.2990



53.7854, 0.3108, 0.3035

Triad

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



53.7854, 0.2939, 0.2990



53.7854, 0.3481, 0.3439



53.7854, 0.2965, 0.3444

Complementary

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



53.7854, 0.2939, 0.2990



67.6506, 0.3306, 0.3573

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.



53.7854, 0.3138, 0.3565



53.7854, 0.2939, 0.2990



53.7854, 0.3439, 0.3556

Square

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



53.7854, 0.2939, 0.2990



53.7854, 0.3425, 0.3289



53.7854, 0.3312, 0.3605



53.7854, 0.2837, 0.3280

Rectangle

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



53.7854, 0.2939, 0.2990



53.7854, 0.3229, 0.3101



53.7854, 0.3312, 0.3605



53.7854, 0.3020, 0.3491

Sweetspot

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



53.7876, 0.2939, 0.2990



92.0035, 0.3067, 0.3194



65.6440, 0.2953, 0.3305



19.3807, 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.



53.7876, 0.2939, 0.2990



73.8236, 0.2902, 0.2930



54.9517, 0.3029, 0.2987



12.6922, 0.2981, 0.3057



3.1687, 0.1507, 0.0624



0.2325, 0.1527, 0.0697

Inverse Universe

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



55.8400, 0.3334, 0.3280



77.2784, 0.3378, 0.3278



66.4070, 0.3217, 0.3592



13.0591, 0.3286, 0.3282



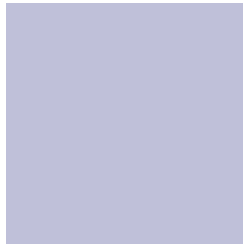
8.9436, 0.6360, 0.3277



0.5822, 0.6237, 0.3210

Previews

White Background



This preview shows how the Yxy color 53.7854, 0.2939, 0.2990 looks on a white background.

Color Contrast Check

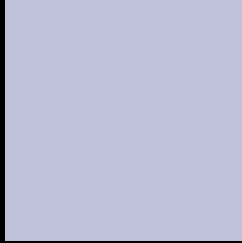
Large Text (above 18pt) WCAG AA × Fail

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 53.7854, 0.2939, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

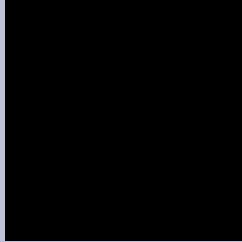
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7854, 0.2939, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 53.7854, 0.2939, 0.2990.



This preview shows how white text looks on a background with the Yxy color 53.7854, 0.2939, 0.2990.

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

53.7854, 0.2939, 0.2990

Protanopia

53.6562, 0.2931, 0.2989

Deuteranopia

53.8747, 0.3008, 0.2950



Tritanopia

53.6905, 0.2987, 0.3095

Trichromacy



Original Color

53.7854, 0.2939, 0.2990

Protanomaly

53.6562, 0.2931, 0.2989

Deuteranomaly

53.7592, 0.2977, 0.2959

Tritanomaly

53.8405, 0.2966, 0.3060

Monochromacy



Original Color

53.7854, 0.2939, 0.2990

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3647, 0.3061, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7854, 0.2939, 0.2990 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.7854, 0.2939, 0.2990 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, 217) }
```

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

```
.border{ border-color:rgb(191, 192, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7854, 0.2939, 0.2990 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, 217) }
```

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

```
.background{ background-color: rgb(191,  
192, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor