

Converting Colors

Yxy(53.3731, 0.2935, 0.3146)

Have a look what the booklet for
Yxy(53.3731, 0.2935, 0.3146)
contains.

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Color

Yxy(53.3590, 0.2933, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	B5C3CF
RGB	181, 195, 207
RGB Percent	71%, 76%, 81%
CMY	0.2903, 0.2352, 0.1883
CMYK	0.13, 0.06, 0.00, 0.19
HSL	208°, 21%, 76%
HSV	208°, 13%, 81%
XYZ	49.8255, 53.3590, 66.6945
YIQ	192.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

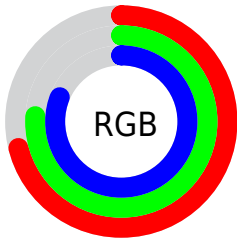
Format	Color
RYB	181, 190, 207
Decimal	11912143
CIELab	78.09, -2.39, -7.63
CIELCh	78, 8.000, 252.632
Yxy	53.3590, 0.2933, 0.3141
Android (android.graphics.Color)	4290102223 (0xFFB5C3CF)
YUV	192.1820, 7.3053, -9.8066
Hunter-Lab	73.0472, -6.0779, -3.0006

Details

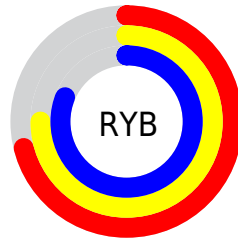
The Yxy color **53.3590, 0.2933, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7083, 0.3335, 0.3435**, and the grayscale version is **52.7835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8453, 0.3018, 0.3260**, and **25.9389, 0.2879, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **46.9109, 0.2774, 0.3008**, and if you desaturate by 10%, it is **60.4553, 0.3088, 0.3261**.

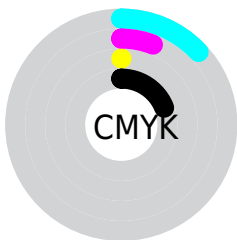
Distribution



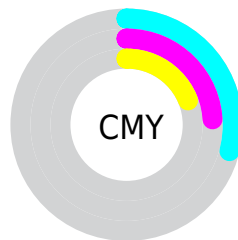
- Red (71%)
- Green (76%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3590, 0.2933, 0.3141 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 53.3590, 0.2933, 0.3141 by changing the saturation by 10% instead.

■ 53.3590, 0.2933,
0.3141

■ 53.3590, 0.2933,
0.3141

399.6609, 0.3027,
0.3214

■ 38.0894, 0.2910,
0.3123

■ 95.1324, 0.2967,
0.3167

■ 26.0521, 0.2881,
0.3101

122.4051, 0.2980,
0.3177

■ 16.8626, 0.2844,
0.3071

154.4475, 0.2991,
0.3186

■ 10.1366, 0.2792,
0.3030

191.6442, 0.3000,
0.3193

■ 5.4896, 0.2719,
0.2971

234.3795, 0.3008,
0.3199

■ 2.5373, 0.2604,
0.2877

283.0378, 0.3015,

■ 0.8953, 0.2398,

0.3205

0.2709

338.0035, 0.3022,
0.3210

0.0000, 0.0000,
0.0000

53.3590, 0.2933,
0.3141

53.3590, 0.2933,
0.3141

46.9109, 0.2774,
0.3008

60.4553, 0.3088,
0.3261

41.0830, 0.2613,
0.2861

68.2133, 0.3237,
0.3369

35.8548, 0.2455,
0.2703

76.6545, 0.3379,
0.3464

31.2019, 0.2304,
0.2534

84.0982, 0.3450,
0.3553

27.0978, 0.2163,
0.2358

89.6381, 0.3433,
0.3645

■ 23.5135, 0.2039,
0.2179

■ 95.4734, 0.3417,
0.3734

■ 20.4161, 0.1935,
0.2000

■ 97.2843, 0.3412,
0.3761

■ 17.7672, 0.1854,
0.1826

■ 16.0438, 0.1806,
0.1701

Harmonies

Analogous

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



53.3590, 0.2924, 0.3214



53.3590, 0.2933, 0.3141



53.3590, 0.2993, 0.3109

Triad

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



53.3590, 0.2933, 0.3141



53.3590, 0.3289, 0.3268



53.3590, 0.3162, 0.3463

Complementary

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



53.3590, 0.2933, 0.3141



54.7083, 0.3335, 0.3435

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.



53.3590, 0.3261, 0.3475



53.3590, 0.2933, 0.3141



53.3590, 0.3335, 0.3360

Square

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



53.3590, 0.2933, 0.3141



53.3590, 0.3198, 0.3182



53.3590, 0.3325, 0.3437



53.3590, 0.3055, 0.3402

Rectangle

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



53.3590, 0.2933, 0.3141



53.3590, 0.3055, 0.3114



53.3590, 0.3325, 0.3437



53.3590, 0.3197, 0.3473

Sweetspot

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



53.3612, 0.2933, 0.3141



95.1595, 0.3066, 0.3244



58.2737, 0.3032, 0.3468



20.1774, 0.3054, 0.3235



0.0000, 0.0000, 0.0000



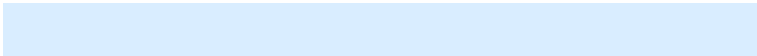
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3612, 0.2933, 0.3141



82.7373, 0.2892, 0.3108



47.8883, 0.2929, 0.2979



12.4601, 0.2983, 0.3180



10.3012, 0.1812, 0.1724



0.7338, 0.1899, 0.2036

Inverse Universe

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



50.2373, 0.3237, 0.3122



76.8951, 0.3264, 0.3085



60.5888, 0.3315, 0.3583



11.9135, 0.3207, 0.3165



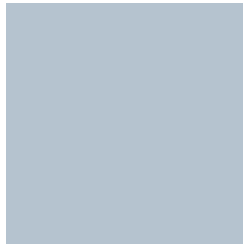
9.1112, 0.4777, 0.2405



0.5254, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 53.3590, 0.2933, 0.3141 looks on a white background.

Color Contrast Check

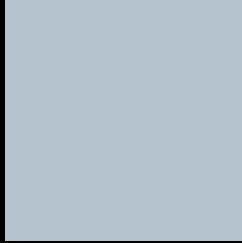
Large Text (above 18pt) WCAG AA × Fail

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 53.3590, 0.2933, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

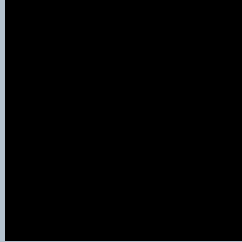
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

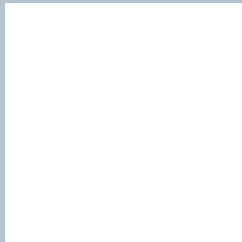
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3590, 0.2933, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 53.3590, 0.2933, 0.3141.

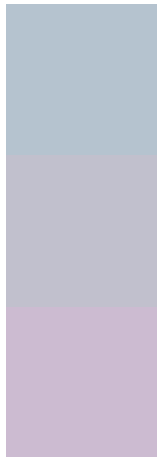


This preview shows how white text looks on a background with the Yxy color 53.3590, 0.2933, 0.3141.

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

53.3590, 0.2933, 0.3141

Protanopia

53.4445, 0.3039, 0.3132

Deuteranopia

52.9815, 0.3099, 0.3030



Tritanopia

53.5071, 0.2913, 0.3104

Trichromacy



Original Color

53.3590, 0.2933, 0.3141

Protanomaly

53.4150, 0.3001, 0.3131

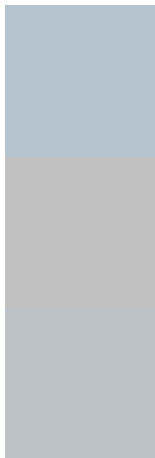
Deuteranomaly

53.1167, 0.3041, 0.3073

Tritanomaly

53.4574, 0.2919, 0.3116

Monochromacy



Original Color

53.3590, 0.2933, 0.3141

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8625, 0.3058, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3590, 0.2933, 0.3141 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(181, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 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(181, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.3590, 0.2933, 0.3141 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(181, 195, 207) }
```

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

```
.border{ border-color:rgb(181, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(181, 195,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3590, 0.2933, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 195, 207) }
```

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

```
.background{ background-color: rgb(181,  
195, 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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