

Converting Colors

Yxy(53.5842, 0.2832, 0.2883)

Have a look what the booklet for
Yxy(53.5842, 0.2832, 0.2883)
contains.

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Color

Yxy(53.5045, 0.2833, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0E2
RGB	185, 192, 226
RGB Percent	73%, 75%, 89%
CMY	0.2747, 0.2470, 0.1137
CMYK	0.18, 0.15, 0.00, 0.11
HSL	230°, 41%, 81%
HSV	230°, 18%, 89%
XYZ	52.5766, 53.5045, 79.5051
YIQ	193.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

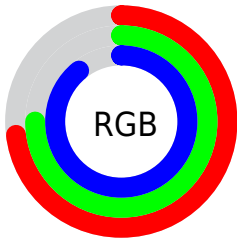
Format	Color
RYB	185, 191, 226
Decimal	12173538
CIELab	78.17, 4.53, -17.73
CIELCh	78, 18.302, 284.334
Yxy	53.5045, 0.2833, 0.2883
Android (android.graphics.Color)	4290363618 (0xFFB9C0E2)
YUV	193.7830, 15.8830, -7.7027
Hunter-Lab	73.1468, 0.2957, -13.2411

Details

The Yxy color **53.5045, 0.2833, 0.2883** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.3012, 0.3413, 0.3667**, and the grayscale version is **53.7225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0556, 0.3042, 0.3221**, and **26.2308, 0.2748, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **43.2136, 0.2650, 0.2621**, and if you desaturate by 10%, it is **65.2914, 0.3001, 0.3118**.

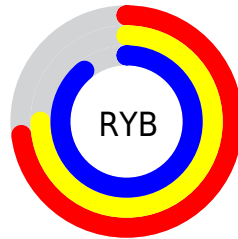
Distribution



Red (73%)

Green (75%)

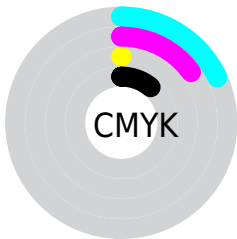
Blue (89%)



Red (73%)

Yellow (75%)

Blue (89%)

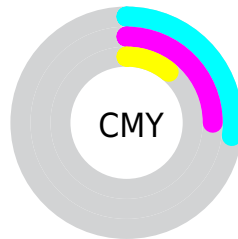


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5045, 0.2833, 0.2883 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 53.5045, 0.2833, 0.2883 by changing the saturation by 10% instead.

■ 53.5045, 0.2833,
0.2883

■ 53.5045, 0.2833,
0.2883

400.2177, 0.2976,
0.3078

■ 38.2057, 0.2798,
0.2837

■ 95.3463, 0.2884,
0.2952

■ 26.1423, 0.2755,
0.2779

122.6581, 0.2904,
0.2979

■ 16.9302, 0.2698,
0.2704

154.7430, 0.2920,
0.3001

■ 10.1847, 0.2621,
0.2603

191.9853, 0.2935,
0.3021

■ 5.5216, 0.2512,
0.2463

234.7696, 0.2947,
0.3038

■ 2.5564, 0.2345,
0.2253

283.4802, 0.2958,

■ 0.9048, 0.2063,

0.3053

0.1911

338.5014, 0.2968,
0.3066

0.0000, 0.0000,
0.0000

53.5045, 0.2833,
0.2883

53.5045, 0.2833,
0.2883

43.2136, 0.2650,
0.2621

65.2914, 0.3001,
0.3118

34.3520, 0.2456,
0.2334

78.6244, 0.3154,
0.3326

26.8575, 0.2258,
0.2030

93.5593, 0.3291,
0.3508

20.6610, 0.2064,
0.1721

98.2708, 0.3298,
0.3572

15.6869, 0.1885,
0.1421

■ 11.8517, 0.1734,
0.1151

■ 9.0606, 0.1620,
0.0927

■ 7.1957, 0.1549,
0.0762

■ 6.9330, 0.1539,
0.0738

Harmonies

Analogous

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



53.5045, 0.2695, 0.2942



53.5045, 0.2833, 0.2883



53.5045, 0.3053, 0.2926

Triad

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



53.5045, 0.2833, 0.2883



53.5045, 0.3609, 0.3452



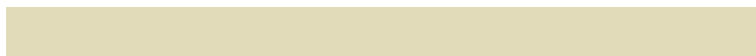
53.5045, 0.2946, 0.3541

Complementary

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



53.5045, 0.2833, 0.2883



70.3012, 0.3413, 0.3667

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.



53.5045, 0.3187, 0.3691



53.5045, 0.2833, 0.2883



53.5045, 0.3575, 0.3627

Square

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



53.5045, 0.2833, 0.2883



53.5045, 0.3507, 0.3246



53.5045, 0.3418, 0.3719



53.5045, 0.2758, 0.3318

Rectangle

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



53.5045, 0.2833, 0.2883



53.5045, 0.3219, 0.3005



53.5045, 0.3418, 0.3719



53.5045, 0.3023, 0.3602

Sweetspot

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



53.5067, 0.2833, 0.2883



91.1096, 0.3051, 0.3186



69.7874, 0.2899, 0.3377



19.2428, 0.3040, 0.3171



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.



53.5067, 0.2833, 0.2883



64.7276, 0.2762, 0.2781



52.1714, 0.2927, 0.2810



13.6224, 0.2981, 0.3090



4.0743, 0.1544, 0.0758



0.3980, 0.1616, 0.1015

Inverse Universe

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



54.6558, 0.3420, 0.3211



66.6419, 0.3501, 0.3192



72.0388, 0.3304, 0.3755



13.7388, 0.3265, 0.3250



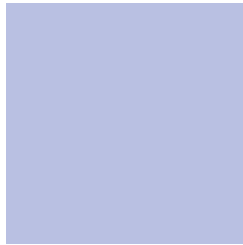
9.3193, 0.6138, 0.3155



0.6576, 0.5736, 0.2933

Previews

White Background



This preview shows how the Yxy color 53.5045, 0.2833, 0.2883 looks on a white background.

Color Contrast Check

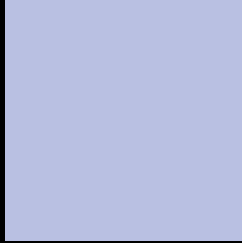
Large Text (above 18pt) WCAG AA × Fail

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 53.5045, 0.2833, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

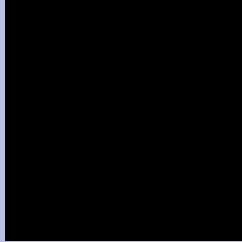
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5045, 0.2833, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 53.5045, 0.2833, 0.2883.



This preview shows how white text looks on a background with the Yxy color 53.5045, 0.2833, 0.2883.

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

53.5045, 0.2833, 0.2883

Protanopia

53.7551, 0.2848, 0.2885

Deuteranopia

53.6770, 0.2906, 0.2845



Tritanopia

53.6284, 0.2920, 0.3105

Trichromacy



Original Color

53.5045, 0.2833, 0.2883

Protanomaly

53.6294, 0.2841, 0.2884

Deuteranomaly

53.5794, 0.2877, 0.2854

Tritanomaly

53.6087, 0.2886, 0.3021

Monochromacy



Original Color

53.5045, 0.2833, 0.2883

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6725, 0.3016, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5045, 0.2833, 0.2883 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(185, 192, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 226)  
}
```

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(185, 192, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.5045, 0.2833, 0.2883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

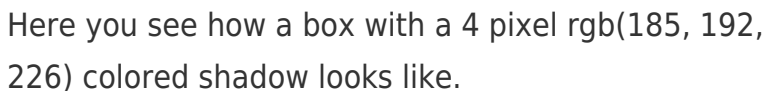
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 192, 226) }
```

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

```
.border{ border-color:rgb(185, 192, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 192, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 192, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 192, 226); box-shadow:4px 4px 4px 4px rgb(185, 192, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5045, 0.2833, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 226) }
```

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

```
.background{ background-color: rgb(185,  
192, 226) }
```

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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