

Converting Colors

Yxy(53.7849, 0.2783, 0.2876)

Have a look what the booklet for
Yxy(53.7849, 0.2783, 0.2876)
contains.

| | |
|--|----|
| Yxy(53.8883, 0.2786, 0.2881) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(53.8883, 0.2786, 0.2881)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4C2E4 |
| RGB | 180, 194, 228 |
| RGB Percent | 71%, 76%, 89% |
| CMY | 0.2942, 0.2392, 0.1059 |
| CMYK | 0.21, 0.15, 0.00, 0.11 |
| HSL | 222°, 47%, 80% |
| HSV | 222°, 21%, 89% |
| XYZ | 52.1114, 53.8883, 81.0476 |
| YIQ | 193.6900, -19.2580, 7.6060 |

Conversions

Conversions Part 2

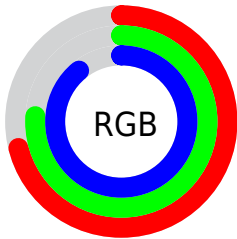
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 191, 228 |
| Decimal | 11846372 |
| CIE Lab | 78.40, 2.35, -18.50 |
| CIE LCh | 78, 18.651, 277.235 |
| Yxy | 53.8883, 0.2786, 0.2881 |
| Android (android.graphics.Color) | 4290036452 (0xFFB4C2E4) |
| YUV | 193.6900, 16.9148, -12.0061 |
| Hunter-Lab | 73.4087, -1.7515, -14.0737 |

Details

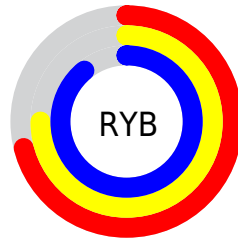
The Yxy color **53.8883, 0.2786, 0.2881** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8547, 0.3474, 0.3668**, and the grayscale version is **53.6612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4241, 0.3012, 0.3240**, and **26.5789, 0.2698, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **44.5800, 0.2608, 0.2652**, and if you desaturate by 10%, it is **64.4305, 0.2955, 0.3088**.

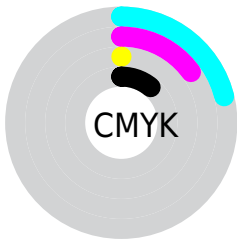
Distribution



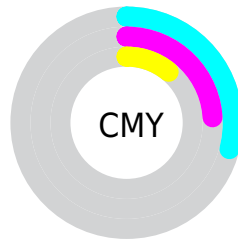
- Red (71%)
- Green (76%)
- Blue (89%)



- Red (71%)
- Yellow (75%)
- Blue (89%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8883, 0.2786, 0.2881 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 53.8883, 0.2786, 0.2881 by changing the saturation by 10% instead.

■ 53.8883, 0.2786,
0.2881

■ 53.8883, 0.2786,
0.2881

401.6839, 0.2951,
0.3078

■ 38.5124, 0.2746,
0.2834

■ 95.9102, 0.2845,
0.2951

■ 26.3806, 0.2697,
0.2776

123.3250, 0.2867,
0.2977

■ 17.1086, 0.2632,
0.2700

155.5215, 0.2886,
0.3000

■ 10.3119, 0.2545,
0.2599

192.8841, 0.2903,
0.3020

■ 5.6063, 0.2422,
0.2457

235.7973, 0.2917,
0.3037

■ 2.6072, 0.2236,
0.2245

284.6454, 0.2930,

■ 0.9303, 0.1929,

0.3052

0.1899

339.8128, 0.2941,
0.3066

0.0000, 0.0000,
0.0000

53.8883, 0.2786,
0.2881

53.8883, 0.2786,
0.2881

44.5800, 0.2608,
0.2652

64.4305, 0.2955,
0.3088

36.4524, 0.2424,
0.2403

76.2443, 0.3111,
0.3272

29.4577, 0.2239,
0.2138

89.3737, 0.3255,
0.3434

23.5423, 0.2063,
0.1867

98.3810, 0.3286,
0.3552

18.6475, 0.1902,
0.1598

■ 14.7086, 0.1767,
0.1347

■ 11.6517, 0.1664,
0.1124

■ 9.5763, 0.1600,
0.0958

Harmonies

Analogous

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



53.8883, 0.2671, 0.2965



53.8883, 0.2786, 0.2881



53.8883, 0.2994, 0.2901

Triad

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



53.8883, 0.2786, 0.2881



53.8883, 0.3605, 0.3406



53.8883, 0.2998, 0.3590

Complementary

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



53.8883, 0.2786, 0.2881



67.8547, 0.3474, 0.3668

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.



53.8883, 0.3247, 0.3716



53.8883, 0.2786, 0.2881



53.8883, 0.3603, 0.3596

Square

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



53.8883, 0.2786, 0.2881



53.8883, 0.3472, 0.3196



53.8883, 0.3470, 0.3714



53.8883, 0.2790, 0.3375

Rectangle

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



53.8883, 0.2786, 0.2881



53.8883, 0.3160, 0.2968



53.8883, 0.3470, 0.3714



53.8883, 0.3079, 0.3645

Sweetspot

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



53.8905, 0.2786, 0.2881



90.4990, 0.3035, 0.3183



70.0165, 0.2897, 0.3459



19.1570, 0.3025, 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.



53.8905, 0.2786, 0.2881



64.3687, 0.2714, 0.2790



49.1243, 0.2847, 0.2718



14.5704, 0.2981, 0.3119



5.7082, 0.1607, 0.0984



0.5782, 0.1687, 0.1271

Inverse Universe

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



53.0192, 0.3429, 0.3132



63.2785, 0.3504, 0.3099



73.7423, 0.3373, 0.3826



14.4370, 0.3247, 0.3221



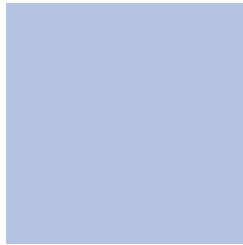
9.7740, 0.5783, 0.2960



0.7381, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 53.8883, 0.2786, 0.2881 looks on a white background.

Color Contrast Check

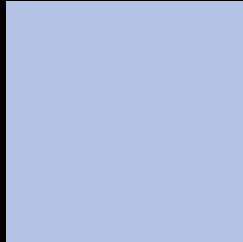
Large Text (above 18pt) WCAG AA × Fail

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 53.8883, 0.2786, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

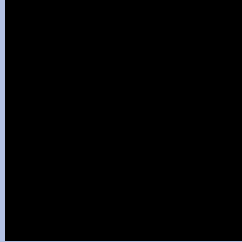
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8883, 0.2786, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 53.8883, 0.2786, 0.2881.



This preview shows how white text looks on a background with the Yxy color 53.8883, 0.2786, 0.2881.

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

53.8883, 0.2786, 0.2881

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

53.6544, 0.2885, 0.2823



Tritanopia

54.0331, 0.2871, 0.3104

Trichromacy



Original Color

53.8883, 0.2786, 0.2881

Protanomaly

53.8763, 0.2820, 0.2883

Deuteranomaly

53.8659, 0.2849, 0.2842

Tritanomaly

54.0068, 0.2838, 0.3020

Monochromacy



Original Color

53.8883, 0.2786, 0.2881

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8586, 0.3001, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8883, 0.2786, 0.2881 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(180, 194, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 228)  
}
```

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(180, 194, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 228) }
```

Border

The CSS property to change the border of an element to Yxy 53.8883, 0.2786, 0.2881 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(180, 194, 228) }
```

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

```
.border{ border-color:rgb(180, 194, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 228);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8883, 0.2786, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 228) }
```

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

```
.background{ background-color: rgb(180,  
194, 228) }
```

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