

Converting Colors

Yxy(53.9235, 0.2770, 0.2865)

Have a look what the booklet for
Yxy(53.9235, 0.2770, 0.2865)
contains.

Yxy(53.8804, 0.2767, 0.2857)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.8804, 0.2767, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2E6
RGB	179, 194, 230
RGB Percent	70%, 76%, 90%
CMY	0.2977, 0.2393, 0.0980
CMYK	0.22, 0.16, 0.00, 0.10
HSL	222°, 50%, 80%
HSV	222°, 22%, 90%
XYZ	52.1831, 53.8804, 82.5273
YIQ	193.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

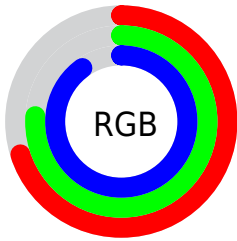
Format	Color
R_{YB}	179, 191, 230
Decimal	11780838
CIE _{Lab}	78.39, 2.56, -19.61
CIE _{LCh}	78, 19.773, 277.428
Yxy	53.8804, 0.2767, 0.2857
Android (android.graphics.Color)	4289970918 (0xFFB3C2E6)
YUV	193.6190, 17.9358, -12.8209
Hunter-Lab	73.4033, -1.5584, -15.2775

Details

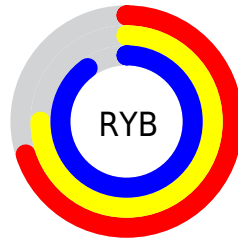
The Yxy color **53.8804, 0.2767, 0.2857** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.7566, 0.3493, 0.3688**, and the grayscale version is **53.6230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2534, 0.3005, 0.3240**, and **26.4657, 0.2672, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **44.5117, 0.2588, 0.2625**, and if you desaturate by 10%, it is **64.5046, 0.2937, 0.3066**.

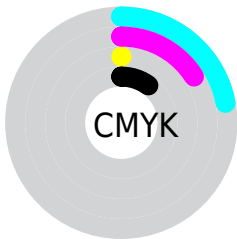
Distribution



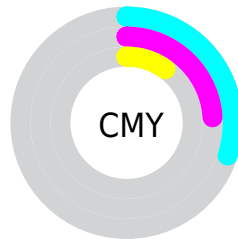
- Red (70%)
- Green (76%)
- Blue (90%)



- Red (70%)
- Yellow (75%)
- Blue (90%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8804, 0.2767, 0.2857 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 53.8804, 0.2767, 0.2857 by changing the saturation by 10% instead.

■ 53.8804, 0.2767,
0.2857

■ 53.8804, 0.2767,
0.2857

401.6538, 0.2941,
0.3065

■ 38.5061, 0.2725,
0.2808

■ 95.8986, 0.2829,
0.2931

■ 26.3757, 0.2673,
0.2746

123.3113, 0.2853,
0.2959

■ 17.1049, 0.2605,
0.2666

155.5055, 0.2873,
0.2983

■ 10.3093, 0.2514,
0.2560

192.8657, 0.2890,
0.3004

■ 5.6045, 0.2385,
0.2411

235.7762, 0.2906,
0.3022

■ 2.6061, 0.2191,
0.2190

284.6214, 0.2919,

■ 0.9297, 0.1873,

0.3038

0.1834

339.7858, 0.2931,
0.3052

0.0000, 0.0000,
0.0000

53.8804, 0.2767,
0.2857

53.8804, 0.2767,
0.2857

44.5117, 0.2588,
0.2625

64.5046, 0.2937,
0.3066

36.3438, 0.2403,
0.2374

76.4231, 0.3095,
0.3253

29.3275, 0.2219,
0.2108

89.6811, 0.3240,
0.3417

23.4074, 0.2044,
0.1836

98.4944, 0.3274,
0.3532

18.5231, 0.1886,
0.1569

■ 14.6073, 0.1754,
0.1320

■ 11.5834, 0.1655,
0.1101

■ 9.7549, 0.1599,
0.0957

Harmonies

Analogous

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



53.8804, 0.2645, 0.2944



53.8804, 0.2767, 0.2857



53.8804, 0.2987, 0.2880

Triad

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



53.8804, 0.2767, 0.2857



53.8804, 0.3634, 0.3413



53.8804, 0.2988, 0.3608

Complementary

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



53.8804, 0.2767, 0.2857



68.7566, 0.3493, 0.3688

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.



53.8804, 0.3251, 0.3743



53.8804, 0.2767, 0.2857



53.8804, 0.3631, 0.3615

Square

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



53.8804, 0.2767, 0.2857



53.8804, 0.3494, 0.3192



53.8804, 0.3489, 0.3740



53.8804, 0.2768, 0.3378

Rectangle

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



53.8804, 0.2767, 0.2857



53.8804, 0.3164, 0.2951



53.8804, 0.3489, 0.3740



53.8804, 0.3074, 0.3667

Sweetspot

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



53.8826, 0.2767, 0.2857



88.9729, 0.3019, 0.3164



71.0935, 0.2886, 0.3469



18.8487, 0.3009, 0.3153



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.



53.8826, 0.2767, 0.2857



61.9508, 0.2678, 0.2744



48.8470, 0.2830, 0.2685



14.5700, 0.2981, 0.3119



5.7051, 0.1607, 0.0983



0.5780, 0.1686, 0.1271

Inverse Universe

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



52.9985, 0.3448, 0.3123



60.9104, 0.3544, 0.3083



75.0540, 0.3386, 0.3855



14.4369, 0.3247, 0.3222



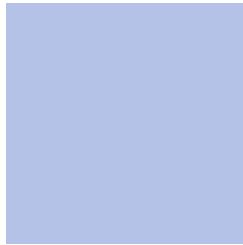
9.7736, 0.5784, 0.2960



0.7380, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 53.8804, 0.2767, 0.2857 looks on a white background.

Color Contrast Check

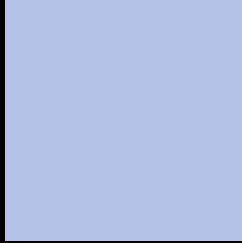
Large Text (above 18pt) WCAG AA × Fail

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 53.8804, 0.2767, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

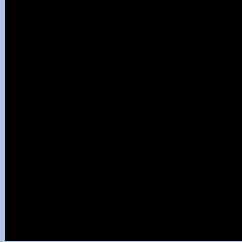
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

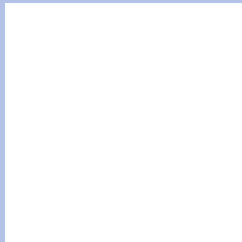
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8804, 0.2767, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 53.8804, 0.2767, 0.2857.



This preview shows how white text looks on a background with the Yxy color 53.8804, 0.2767, 0.2857.

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

53.8804, 0.2767, 0.2857

Protanopia

53.7955, 0.2821, 0.2850

Deuteranopia

53.6340, 0.2864, 0.2800



Tritanopia

53.9667, 0.2857, 0.3091

Trichromacy



Original Color

53.8804, 0.2767, 0.2857

Protanomaly

53.8644, 0.2800, 0.2860

Deuteranomaly

53.8499, 0.2829, 0.2819

Tritanomaly

53.9414, 0.2824, 0.3007

Monochromacy



Original Color

53.8804, 0.2767, 0.2857

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9074, 0.2994, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8804, 0.2767, 0.2857 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(179, 194, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 230)  
}
```

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(179, 194, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.8804, 0.2767, 0.2857 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(179, 194, 230) }
```

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

```
.border{ border-color:rgb(179, 194, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8804, 0.2767, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 230) }
```

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

```
.background{ background-color: rgb(179,  
194, 230) }
```

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