

Converting Colors

Yxy(54.1664, 0.2763, 0.2888)

Have a look what the booklet for
Yxy(54.1664, 0.2763, 0.2888)
contains.

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Color

Yxy(54.0345, 0.2760, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	B1C3E5
RGB	177, 195, 229
RGB Percent	69%, 76%, 90%
CMY	0.3057, 0.2353, 0.1018
CMYK	0.23, 0.15, 0.00, 0.10
HSL	219°, 50%, 80%
HSV	219°, 23%, 90%
XYZ	51.8010, 54.0345, 81.8494
YIQ	193.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

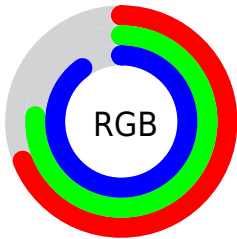
Format	Color
R_{YB}	177, 190, 229
Decimal	11650021
CIE Lab	78.48, 1.17, -18.95
CIE LCh	78, 18.987, 273.525
Yxy	54.0345, 0.2760, 0.2879
Android (android.graphics.Color)	4289840101 (0xFFB1C3E5)
YUV	193.4940, 17.5045, -14.4652
Hunter-Lab	73.5082, -2.8507, -14.5621

Details

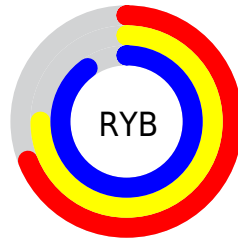
The Yxy color **54.0345, 0.2760, 0.2879** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.4750, 0.3510, 0.3669**, and the grayscale version is **53.5453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5380, 0.2993, 0.3250**, and **26.3520, 0.2671, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **45.1809, 0.2584, 0.2665**, and if you desaturate by 10%, it is **64.0191, 0.2928, 0.3073**.

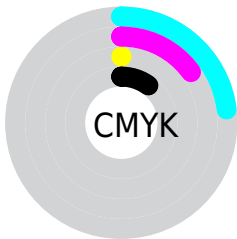
Distribution



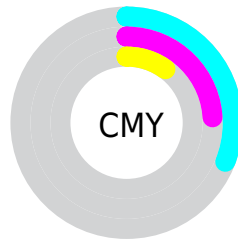
- Red (69%)
- Green (76%)
- Blue (90%)



- Red (69%)
- Yellow (75%)
- Blue (90%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0345, 0.2760, 0.2879 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 54.0345, 0.2760, 0.2879 by changing the saturation by 10% instead.

■ 54.0345, 0.2760,
0.2879

■ 54.0345, 0.2760,
0.2879

402.2416, 0.2937,
0.3077

■ 38.6292, 0.2718,
0.2832

■ 96.1249, 0.2823,
0.2949

■ 26.4714, 0.2664,
0.2773

123.5788, 0.2847,
0.2976

■ 17.1766, 0.2595,
0.2697

155.8178, 0.2868,
0.2999

■ 10.3605, 0.2503,
0.2594

193.2261, 0.2885,
0.3019

■ 5.6386, 0.2373,
0.2451

236.1883, 0.2901,
0.3036

■ 2.6266, 0.2177,
0.2237

285.0887, 0.2915,

■ 0.9401, 0.1855,

0.3051

0.1889

340.3116, 0.2927,
0.3065

■ 0.0000, 0.0000,
0.0000

■ 54.0345, 0.2760,
0.2879

■ 54.0345, 0.2760,
0.2879

■ 45.1809, 0.2584,
0.2665

■ 64.0191, 0.2928,
0.3073

■ 37.4094, 0.2405,
0.2432

■ 75.1681, 0.3086,
0.3247

■ 30.6771, 0.2228,
0.2185

■ 87.5216, 0.3233,
0.3400

■ 24.9351, 0.2060,
0.1932

■ 98.4313, 0.3279,
0.3542

■ 20.1301, 0.1909,
0.1680

■ 98.4388, 0.3279,
0.3542

■ 16.2030, 0.1783,
0.1440

■ 13.0856, 0.1687,
0.1225

■ 11.2549, 0.1635,
0.1086

Harmonies

Analogous

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



54.0345, 0.2657, 0.2977



54.0345, 0.2760, 0.2879



54.0345, 0.2961, 0.2887

Triad

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



54.0345, 0.2760, 0.2879



54.0345, 0.3603, 0.3381



54.0345, 0.3026, 0.3618

Complementary

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



54.0345, 0.2760, 0.2879



66.4750, 0.3510, 0.3669

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.



54.0345, 0.3279, 0.3731



54.0345, 0.2760, 0.2879



54.0345, 0.3619, 0.3580

Square

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



54.0345, 0.2760, 0.2879



54.0345, 0.3453, 0.3170



54.0345, 0.3498, 0.3712



54.0345, 0.2806, 0.3406

Rectangle

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



54.0345, 0.2760, 0.2879



54.0345, 0.3129, 0.2948



54.0345, 0.3498, 0.3712



54.0345, 0.3110, 0.3669

Sweetspot

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



54.0367, 0.2760, 0.2879



89.5368, 0.3019, 0.3174



70.1036, 0.2895, 0.3505



18.9790, 0.3009, 0.3163



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.



54.0367, 0.2760, 0.2879



63.7253, 0.2682, 0.2786



47.4192, 0.2801, 0.2665



14.6963, 0.2981, 0.3132



6.6356, 0.1643, 0.1114



0.6587, 0.1724, 0.1407

Inverse Universe

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



52.0674, 0.3435, 0.3088



61.0896, 0.3513, 0.3046



74.6405, 0.3411, 0.3866



14.4497, 0.3238, 0.3209



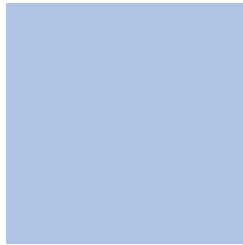
9.8676, 0.5590, 0.2853



0.7462, 0.5182, 0.2628

Previews

White Background



This preview shows how the Yxy color 54.0345, 0.2760, 0.2879 looks on a white background.

Color Contrast Check

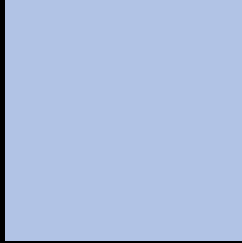
Large Text (above 18pt) WCAG AA × Fail

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 54.0345, 0.2760, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

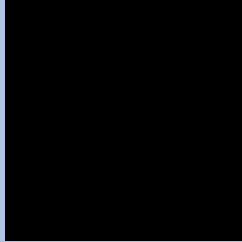
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

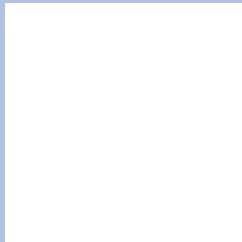
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0345, 0.2760, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 54.0345, 0.2760, 0.2879.



This preview shows how white text looks on a background with the Yxy color 54.0345, 0.2760, 0.2879.

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

54.0345, 0.2760, 0.2879

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

53.7105, 0.2878, 0.2812



Tritanopia

54.1909, 0.2843, 0.3103

Trichromacy



Original Color

54.0345, 0.2760, 0.2879

Protanomaly

53.8086, 0.2807, 0.2871

Deuteranomaly

53.6661, 0.2828, 0.2829

Tritanomaly

54.1609, 0.2811, 0.3019

Monochromacy



Original Color

54.0345, 0.2760, 0.2879

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7799, 0.2986, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0345, 0.2760, 0.2879 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(177, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 229)  
}
```

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(177, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 229) }
```

Border

The CSS property to change the border of an element to Yxy 54.0345, 0.2760, 0.2879 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(177, 195, 229) }
```

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

```
.border{ border-color:rgb(177, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(177, 195,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0345, 0.2760, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 229) }
```

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

```
.background{ background-color: rgb(177,  
195, 229) }
```

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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