

Converting Colors

Yxy(54.3180, 0.2780, 0.2926)

Have a look what the booklet for
Yxy(54.3180, 0.2780, 0.2926)
contains.

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Color

Yxy(54.3180, 0.2780, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4E2
RGB	177, 196, 226
RGB Percent	69%, 77%, 89%
CMY	0.3057, 0.2314, 0.1137
CMYK	0.22, 0.13, 0.00, 0.11
HSL	217°, 46%, 79%
HSV	217°, 22%, 89%
XYZ	51.6077, 54.3180, 79.7134
YIQ	193.7390, -20.9540, 5.3020

Conversions

Conversions Part 2

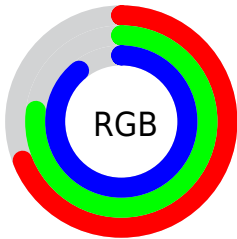
Format	Color
RYB	177, 191, 226
Decimal	11650274
CIELab	78.65, -0.05, -17.07
CIELCh	79, 17.071, 269.824
Yxy	54.3180, 0.2780, 0.2926
Android (android.graphics.Color)	4289840354 (0xFFB1C4E2)
YUV	193.7390, 15.9047, -14.6801
Hunter-Lab	73.7007, -3.9848, -12.5365

Details

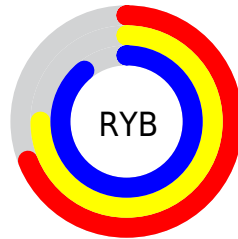
The Yxy color **54.3180, 0.2780, 0.2926** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0017, 0.3495, 0.3629**, and the grayscale version is **53.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7942, 0.2993, 0.3270**, and **26.5714, 0.2689, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **45.9166, 0.2608, 0.2728**, and if you desaturate by 10%, it is **63.7407, 0.2946, 0.3105**.

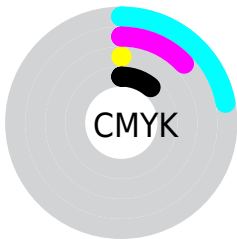
Distribution



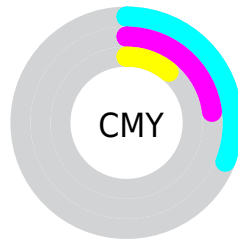
- Red (69%)
- Green (77%)
- Blue (89%)



- Red (69%)
- Yellow (75%)
- Blue (89%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3180, 0.2780, 0.2926 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 54.3180, 0.2780, 0.2926 by changing the saturation by 10% instead.

■ 54.3180, 0.2780,
0.2926

■ 54.3180, 0.2780,
0.2926

403.3215, 0.2948,
0.3102

■ 38.8560, 0.2740,
0.2884

■ 96.5410, 0.2840,
0.2989

■ 26.6477, 0.2690,
0.2831

124.0707, 0.2862,
0.3012

■ 17.3088, 0.2624,
0.2763

156.3918, 0.2882,
0.3033

■ 10.4549, 0.2537,
0.2671

193.8887, 0.2899,
0.3050

■ 5.7016, 0.2413,
0.2541

236.9457, 0.2913,
0.3066

■ 2.6645, 0.2227,
0.2345

285.9472, 0.2926,

■ 0.9592, 0.1918,

0.3079

0.2021

341.2777, 0.2937,
0.3091

■ 0.0000, 0.0000,
0.0000

■ 54.3180, 0.2780,
0.2926

■ 54.3180, 0.2780,
0.2926

■ 45.9166, 0.2608,
0.2728

■ 63.7407, 0.2946,
0.3105

■ 38.4926, 0.2433,
0.2513

■ 74.2132, 0.3102,
0.3265

■ 32.0087, 0.2261,
0.2284

■ 85.7709, 0.3249,
0.3407

■ 26.4221, 0.2098,
0.2046

■ 96.0061, 0.3302,
0.3538

■ 21.6860, 0.1950,
0.1807

■ 98.2709, 0.3298,
0.3572

■ 17.7487, 0.1825,
0.1576

■ 14.5504, 0.1728,
0.1363

■ 12.3773, 0.1667,
0.1202

Harmonies

Analogous

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



54.3180, 0.2699, 0.3027



54.3180, 0.2780, 0.2926



54.3180, 0.2953, 0.2921

Triad

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



54.3180, 0.2780, 0.2926



54.3180, 0.3543, 0.3350



54.3180, 0.3065, 0.3601

Complementary

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



54.3180, 0.2780, 0.2926



64.0017, 0.3495, 0.3629

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.



54.3180, 0.3292, 0.3689



54.3180, 0.2780, 0.2926



54.3180, 0.3574, 0.3532

Square

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



54.3180, 0.2780, 0.2926



54.3180, 0.3396, 0.3160



54.3180, 0.3480, 0.3660



54.3180, 0.2860, 0.3420

Rectangle

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



54.3180, 0.2780, 0.2926



54.3180, 0.3100, 0.2968



54.3180, 0.3480, 0.3660



54.3180, 0.3141, 0.3643

Sweetspot

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



54.3202, 0.2780, 0.2926



91.3728, 0.3035, 0.3197



68.2220, 0.2920, 0.3524



19.3632, 0.3024, 0.3187



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.



54.3202, 0.2780, 0.2926



66.2707, 0.2703, 0.2839



46.8967, 0.2800, 0.2694



14.1085, 0.2981, 0.3142



7.2753, 0.1675, 0.1231



0.6743, 0.1761, 0.1539

Inverse Universe

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



51.6202, 0.3399, 0.3075



62.3992, 0.3472, 0.3028



72.9565, 0.3416, 0.3835



13.7879, 0.3232, 0.3200



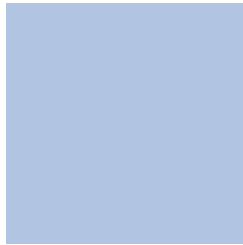
9.6425, 0.5423, 0.2761



0.6855, 0.5008, 0.2533

Previews

White Background



This preview shows how the Yxy color 54.3180, 0.2780, 0.2926 looks on a white background.

Color Contrast Check

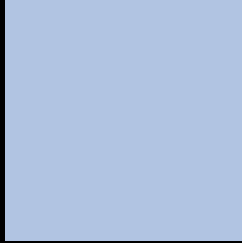
Large Text (above 18pt) WCAG AA × Fail

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 54.3180, 0.2780, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

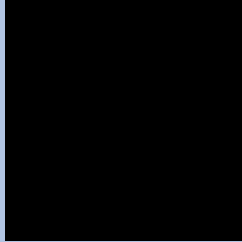
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

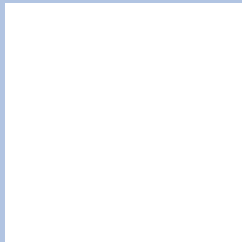
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3180, 0.2780, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 54.3180, 0.2780, 0.2926.



This preview shows how white text looks on a background with the Yxy color 54.3180, 0.2780, 0.2926.

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

54.3180, 0.2780, 0.2926

Protanopia

54.3406, 0.2876, 0.2921

Deuteranopia

54.2433, 0.2914, 0.2858



Tritanopia

54.3572, 0.2844, 0.3091

Trichromacy



Original Color

54.3180, 0.2780, 0.2926

Protanomaly

54.3341, 0.2841, 0.2919

Deuteranomaly

54.1925, 0.2863, 0.2876

Tritanomaly

54.2246, 0.2825, 0.3031

Monochromacy



Original Color

54.3180, 0.2780, 0.2926

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1778, 0.2993, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3180, 0.2780, 0.2926 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, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 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(177, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.3180, 0.2780, 0.2926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

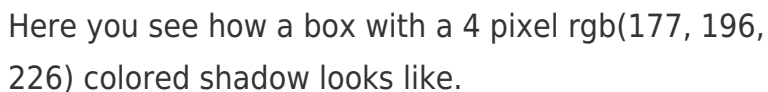
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 196, 226) }
```

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

```
.border{ border-color:rgb(177, 196, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 196, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 196, 226); box-shadow:4px 4px 4px 4px rgb(177, 196, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3180, 0.2780, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 226) }
```

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

```
.background{ background-color: rgb(177,  
196, 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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