

Converting Colors

Yxy(53.8931, 0.2775, 0.2949)

Have a look what the booklet for
Yxy(53.8931, 0.2775, 0.2949)
contains.

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Color

Yxy(53.8603, 0.2771, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	AEC4E0
RGB	174, 196, 224
RGB Percent	68%, 77%, 88%
CMY	0.3178, 0.2313, 0.1215
CMYK	0.22, 0.13, 0.00, 0.12
HSL	214°, 45%, 78%
HSV	214°, 22%, 88%
XYZ	50.6437, 53.8603, 78.2592
YIQ	192.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

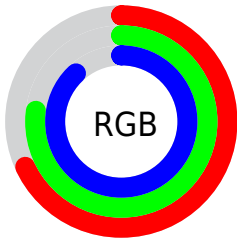
Format	Color
RYB	174, 189, 224
Decimal	11453664
CIELab	78.38, -1.46, -16.43
CIELCh	78, 16.492, 264.924
Yxy	53.8603, 0.2771, 0.2947
Android (android.graphics.Color)	4289643744 (0xFFAEC4E0)
YUV	192.6140, 15.4733, -16.3245
Hunter-Lab	73.3896, -5.2549, -11.8514

Details

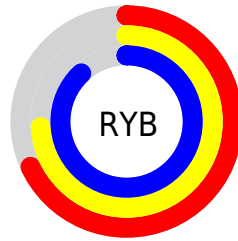
The Yxy color **53.8603, 0.2771, 0.2947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1248, 0.3514, 0.3610**, and the grayscale version is **53.0046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2936, 0.2975, 0.3270**, and **26.2755, 0.2678, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **46.0821, 0.2603, 0.2766**, and if you desaturate by 10%, it is **62.5441, 0.2935, 0.3111**.

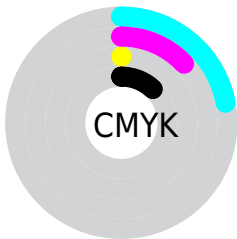
Distribution



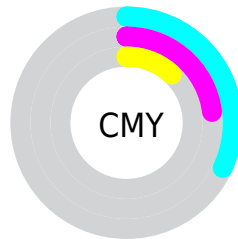
- Red (68%)
- Green (77%)
- Blue (88%)



- Red (68%)
- Yellow (74%)
- Blue (88%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8603, 0.2771, 0.2947 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 53.8603, 0.2771, 0.2947 by changing the saturation by 10% instead.

■ 53.8603, 0.2771,
0.2947

■ 53.8603, 0.2771,
0.2947

401.5771, 0.2943,
0.3114

■ 38.4900, 0.2730,
0.2907

■ 95.8691, 0.2832,
0.3006

■ 26.3632, 0.2678,
0.2857

123.2764, 0.2856,
0.3029

■ 17.0956, 0.2611,
0.2791

155.4647, 0.2875,
0.3048

■ 10.3026, 0.2521,
0.2703

192.8186, 0.2893,
0.3065

■ 5.6001, 0.2394,
0.2577

235.7224, 0.2908,
0.3079

■ 2.6035, 0.2202,
0.2386

284.5605, 0.2921,

■ 0.9284, 0.1883,

0.3092

0.2066

339.7172, 0.2933,
0.3103

0.0000, 0.0000,
0.0000

53.8603, 0.2771,
0.2947

53.8603, 0.2771,
0.2947

46.0821, 0.2603,
0.2766

62.5441, 0.2935,
0.3111

39.1701, 0.2434,
0.2570

72.1577, 0.3092,
0.3258

33.0915, 0.2269,
0.2362

82.7326, 0.3240,
0.3388

27.8085, 0.2114,
0.2145

92.6368, 0.3320,
0.3507

23.2798, 0.1975,
0.1925

98.1627, 0.3309,
0.3591

■ 19.4589, 0.1857,
0.1710

■ 16.2923, 0.1766,
0.1508

■ 14.2524, 0.1712,
0.1364

Harmonies

Analogous

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



53.8603, 0.2709, 0.3060



53.8603, 0.2771, 0.2947



53.8603, 0.2926, 0.2926

Triad

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



53.8603, 0.2771, 0.2947



53.8603, 0.3514, 0.3317



53.8603, 0.3103, 0.3612

Complementary

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



53.8603, 0.2771, 0.2947



61.1248, 0.3514, 0.3610

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.



53.8603, 0.3321, 0.3679



53.8603, 0.2771, 0.2947



53.8603, 0.3563, 0.3499

Square

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



53.8603, 0.2771, 0.2947



53.8603, 0.3357, 0.3136



53.8603, 0.3491, 0.3634



53.8603, 0.2897, 0.3449

Rectangle

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



53.8603, 0.2771, 0.2947



53.8603, 0.3065, 0.2963



53.8603, 0.3491, 0.3634



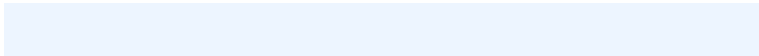
53.8603, 0.3177, 0.3647

Sweetspot

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



53.8625, 0.2771, 0.2947



90.5647, 0.3019, 0.3191



66.5540, 0.2929, 0.3563



19.2168, 0.3009, 0.3182



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.



53.8625, 0.2771, 0.2947



67.0406, 0.2690, 0.2862



44.9205, 0.2769, 0.2670



14.2323, 0.2981, 0.3155



8.5153, 0.1720, 0.1392



0.7664, 0.1803, 0.1690

Inverse Universe

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



50.0905, 0.3386, 0.3038



61.4243, 0.3459, 0.2980



71.8277, 0.3444, 0.3849



13.8004, 0.3223, 0.3187



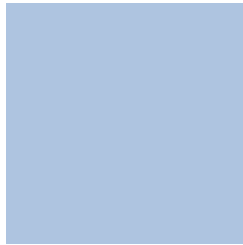
9.7677, 0.5202, 0.2639



0.6948, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 53.8603, 0.2771, 0.2947 looks on a white background.

Color Contrast Check

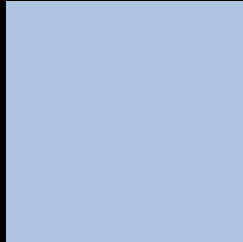
Large Text (above 18pt) WCAG AA × Fail

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 53.8603, 0.2771, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

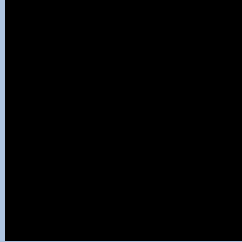
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

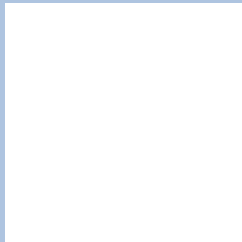
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8603, 0.2771, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 53.8603, 0.2771, 0.2947.



This preview shows how white text looks on a background with the Yxy color 53.8603, 0.2771, 0.2947.

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

53.8603, 0.2771, 0.2947

Protanopia

53.7385, 0.2896, 0.2943

Deuteranopia

53.7018, 0.2928, 0.2868



Tritanopia

54.0139, 0.2823, 0.3090

Trichromacy



Original Color

53.8603, 0.2771, 0.2947

Protanomaly

53.6042, 0.2853, 0.2940

Deuteranomaly

53.9543, 0.2869, 0.2897

Tritanomaly

53.8787, 0.2803, 0.3030

Monochromacy



Original Color

53.8603, 0.2771, 0.2947

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3823, 0.2992, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8603, 0.2771, 0.2947 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(174, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(174, 196, 224)  
}
```

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(174, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 196, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.8603, 0.2771, 0.2947 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(174, 196, 224) }
```

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

```
.border{ border-color:rgb(174, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(174, 196,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8603, 0.2771, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 196, 224) }
```

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

```
.background{ background-color: rgb(174,  
196, 224) }
```

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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