

Converting Colors

Yxy(53.1814, 0.2648, 0.2941)

Have a look what the booklet for
Yxy(53.1814, 0.2648, 0.2941)
contains.

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Color

Yxy(53.0473, 0.2649, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	9DC6E2
RGB	157, 198, 226
RGB Percent	62%, 78%, 89%
CMY	0.3843, 0.2235, 0.1137
CMYK	0.31, 0.12, 0.00, 0.11
HSL	204°, 54%, 75%
HSV	204°, 31%, 89%
XYZ	47.8292, 53.0473, 79.6793
YIQ	188.9330, -33.4240, 0.0160

Conversions

Conversions Part 2

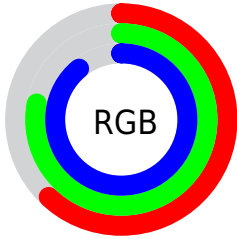
Format	Color
RYB	157, 183, 226
Decimal	10340066
CIELab	77.90, -7.05, -18.33
CIElCh	78, 19.638, 248.948
Yxy	53.0473, 0.2649, 0.2938
Android (android.graphics.Color)	4288530146 (0xFF9DC6E2)
YUV	188.9330, 18.2740, -28.0052
Hunter-Lab	72.8336, -10.2392, -13.8792

Details

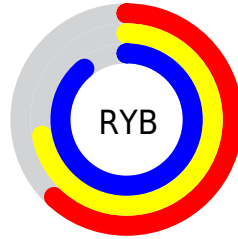
The Yxy color **53.0473, 0.2649, 0.2938** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.3158, 0.3718, 0.3616**, and the grayscale version is **50.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **25.8298, 0.2527, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **46.9134, 0.2495, 0.2801**, and if you desaturate by 10%, it is **59.8601, 0.2807, 0.3065**.

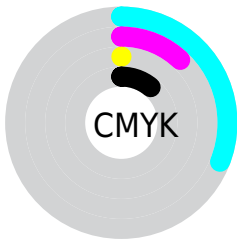
Distribution



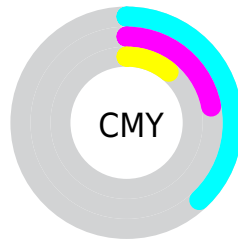
- Red (62%)
- Green (78%)
- Blue (89%)



- Red (62%)
- Yellow (72%)
- Blue (89%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0473, 0.2649, 0.2938 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 53.0473, 0.2649, 0.2938 by changing the saturation by 10% instead.

■ 53.0473, 0.2649,
0.2938

■ 53.0473, 0.2649,
0.2938

■ 398.4666, 0.2879,
0.3111

■ 37.8405, 0.2594,
0.2896

■ 94.6740, 0.2730,
0.3000

■ 25.8589, 0.2526,
0.2842

■ 121.8627, 0.2762,
0.3024

■ 16.7181, 0.2438,
0.2772

■ 153.8141, 0.2788,
0.3044

■ 10.0337, 0.2320,
0.2677

■ 190.9127, 0.2811,
0.3061

■ 5.4213, 0.2155,
0.2541

■ 233.5429, 0.2831,
0.3076

■ 2.4965, 0.1911,
0.2333

■ 282.0890, 0.2849,

■ 0.8749, 0.1496,

0.3089

0.1985

336.9354, 0.2865,
0.3101

0.0000, 0.0000,
0.0000

53.0473, 0.2649,
0.2938

53.0473, 0.2649,
0.2938

46.9134, 0.2495,
0.2801

59.8601, 0.2807,
0.3065

41.4244, 0.2347,
0.2654

67.3712, 0.2964,
0.3181

36.5523, 0.2212,
0.2500

75.6070, 0.3119,
0.3285

32.2641, 0.2092,
0.2342

84.5903, 0.3269,
0.3378

28.5223, 0.1992,
0.2183

91.3819, 0.3310,
0.3466

■ 25.2832, 0.1913,
0.2027

■ 97.0389, 0.3300,
0.3553

■ 22.6115, 0.1857,
0.1883

■ 98.2718, 0.3297,
0.3572

Harmonies

Analogous

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



53.0473, 0.2643, 0.3121



53.0473, 0.2649, 0.2938



53.0473, 0.2777, 0.2856

Triad

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



53.0473, 0.2649, 0.2938



53.0473, 0.3503, 0.3203



53.0473, 0.3238, 0.3738

Complementary

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



53.0473, 0.2649, 0.2938



53.3158, 0.3718, 0.3616

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.



53.0473, 0.3478, 0.3743



53.0473, 0.2649, 0.2938



53.0473, 0.3637, 0.3424

Square

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



53.0473, 0.2649, 0.2938



53.0473, 0.3267, 0.3009



53.0473, 0.3626, 0.3623



53.0473, 0.2976, 0.3597

Rectangle

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



53.0473, 0.2649, 0.2938



53.0473, 0.2918, 0.2863



53.0473, 0.3626, 0.3623



53.0473, 0.3324, 0.3756

Sweetspot

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



53.0494, 0.2649, 0.2938



90.1025, 0.2987, 0.3197



65.0566, 0.2922, 0.3816



18.9591, 0.2964, 0.3181



0.0000, 0.0000, 0.0000



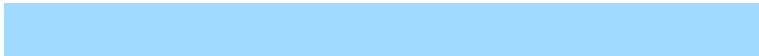
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0494, 0.2649, 0.2938



64.2285, 0.2545, 0.2847



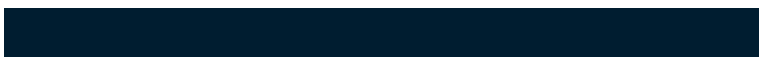
39.1815, 0.2597, 0.2489



14.5902, 0.2981, 0.3192



13.1369, 0.1863, 0.1907



1.0851, 0.1929, 0.2142

Inverse Universe

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



44.3670, 0.3412, 0.2823



51.6214, 0.3496, 0.2718



69.3286, 0.3608, 0.3982



13.8365, 0.3200, 0.3152



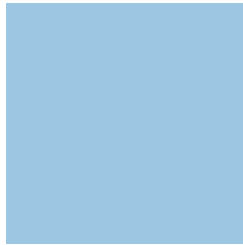
10.2342, 0.4559, 0.2285



0.7270, 0.4295, 0.2140

Previews

White Background



This preview shows how the Yxy color 53.0473, 0.2649, 0.2938 looks on a white background.

Color Contrast Check

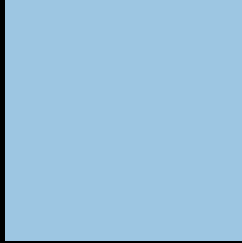
Large Text (above 18pt) WCAG AA × Fail

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 53.0473, 0.2649, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

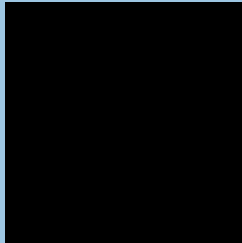
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0473, 0.2649, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 53.0473, 0.2649, 0.2938.



This preview shows how white text looks on a background with the Yxy color 53.0473, 0.2649, 0.2938.

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

53.0473, 0.2649, 0.2938

Protanopia

53.0469, 0.2881, 0.2929

Deuteranopia

52.9053, 0.2877, 0.2819



Tritanopia

53.2350, 0.2698, 0.3085

Trichromacy



Original Color

53.0473, 0.2649, 0.2938

Protanomaly

53.1414, 0.2790, 0.2935

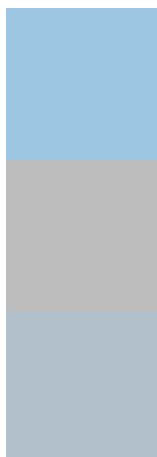
Deuteranomaly

52.9486, 0.2791, 0.2867

Tritanomaly

53.0821, 0.2679, 0.3023

Monochromacy



Original Color

53.0473, 0.2649, 0.2938

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3107, 0.2937, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0473, 0.2649, 0.2938 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(157, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 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(157, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.0473, 0.2649, 0.2938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

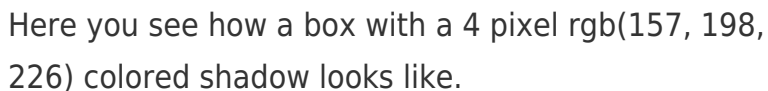
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 198, 226) }
```

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

```
.border{ border-color:rgb(157, 198, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 198, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 198, 226); box-shadow:4px 4px 4px 4px rgb(157, 198, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0473, 0.2649, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 226) }
```

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

```
.background{ background-color: rgb(157,  
198, 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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