

Converting Colors

Yxy(59.4018, 0.2777, 0.3050)

Have a look what the booklet for
Yxy(59.4018, 0.2777, 0.3050)
contains.

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Color

Yxy(59.4018, 0.2777, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	B0CFE3
RGB	176, 207, 227
RGB Percent	69%, 81%, 89%
CMY	0.3097, 0.1882, 0.1099
CMYK	0.22, 0.09, 0.00, 0.11
HSL	204°, 48%, 79%
HSV	204°, 22%, 89%
XYZ	54.0849, 59.4018, 81.2733
YIQ	200.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

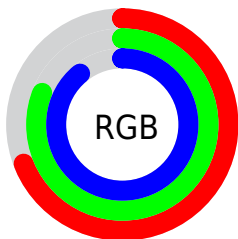
Format	Color
RYB	176, 195, 227
Decimal	11587555
CIELab	81.51, -5.98, -13.30
CIELCh	82, 14.581, 245.797
Yxy	59.4018, 0.2777, 0.3050
Android (android.graphics.Color)	4289777635 (0xFFB0CFE3)
YUV	200.0110, 13.3056, -21.0576
Hunter-Lab	77.0726, -9.6165, -8.5708

Details

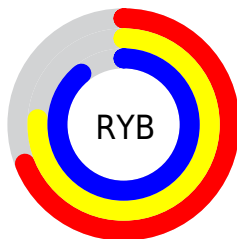
The Yxy color **59.4018, 0.2777, 0.3050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9486, 0.3537, 0.3518**, and the grayscale version is **57.6978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.9720, 0.2691, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **52.7829, 0.2621, 0.2926**, and if you desaturate by 10%, it is **66.7111, 0.2934, 0.3164**.

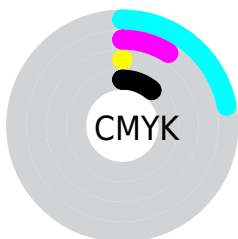
Distribution



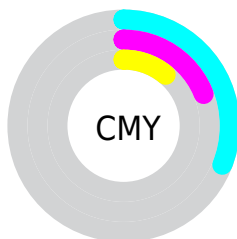
- Red (69%)
- Green (81%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4018, 0.2777, 0.3050 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 59.4018, 0.2777, 0.3050 by changing the saturation by 10% instead.

■ 59.4018, 0.2777,
0.3050

■ 59.4018, 0.2777,
0.3050

422.3893, 0.2943,
0.3166

■ 42.9367, 0.2738,
0.3022

■ 103.9614, 0.2835,
0.3091

■ 29.8354, 0.2690,
0.2987

132.8247, 0.2858,
0.3107

■ 19.7137, 0.2627,
0.2942

166.5894, 0.2877,
0.3121

■ 12.1871, 0.2544,
0.2880

205.6400, 0.2894,
0.3132

■ 6.8712, 0.2429,
0.2794

250.3609, 0.2909,
0.3142

■ 3.3817, 0.2260,
0.2662

301.1365, 0.2921,

■ 1.3341, 0.1985,

0.3151

0.2439

358.3512, 0.2933,
0.3159

0.1674, 0.0101,
0.1287

0.0000, 0.0000,
0.0000

59.4018, 0.2777,
0.3050

59.4018, 0.2777,
0.3050

52.7829, 0.2621,
0.2926

66.7111, 0.2934,
0.3164

46.8211, 0.2468,
0.2791

74.7280, 0.3090,
0.3267

41.4911, 0.2325,
0.2648

83.4777, 0.3241,
0.3358

36.7624, 0.2194,
0.2499

90.6703, 0.3306,
0.3444

■ 32.6013, 0.2080,
0.2347

■ 96.1165, 0.3296,
0.3529

■ 28.9695, 0.1985,
0.2194

■ 98.3250, 0.3292,
0.3562

■ 25.8217, 0.1913,
0.2043

■ 23.7124, 0.1870,
0.1933

Harmonies

Analogous

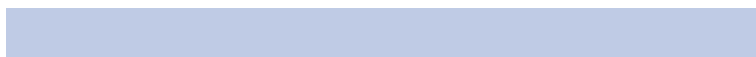
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4018, 0.2783, 0.3189



59.4018, 0.2777, 0.3050



59.4018, 0.2862, 0.2980

Triad

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



59.4018, 0.2777, 0.3050



59.4018, 0.3381, 0.3213



59.4018, 0.3228, 0.3612

Complementary

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



59.4018, 0.2777, 0.3050



58.9486, 0.3537, 0.3518

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.



59.4018, 0.3394, 0.3609



59.4018, 0.2777, 0.3050



59.4018, 0.3485, 0.3373

Square

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



59.4018, 0.2777, 0.3050



59.4018, 0.3208, 0.3074



59.4018, 0.3489, 0.3519



59.4018, 0.3039, 0.3521

Rectangle

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



59.4018, 0.2777, 0.3050



59.4018, 0.2960, 0.2978



59.4018, 0.3489, 0.3519



59.4018, 0.3289, 0.3622

Sweetspot

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



59.4042, 0.2777, 0.3050



92.3851, 0.3019, 0.3221



68.1269, 0.2979, 0.3670



19.6384, 0.3009, 0.3214



0.0000, 0.0000, 0.0000



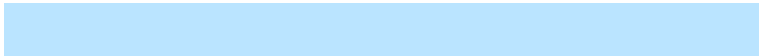
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4042, 0.2777, 0.3050



73.1644, 0.2703, 0.2993



48.2241, 0.2753, 0.2738



15.3378, 0.2981, 0.3196



14.0650, 0.1876, 0.1955



1.2190, 0.1936, 0.2170

Inverse Universe

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



51.8954, 0.3316, 0.2943



62.0425, 0.3366, 0.2867



71.1958, 0.3478, 0.3788



14.5144, 0.3198, 0.3148



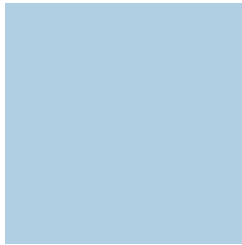
10.6176, 0.4504, 0.2255



0.8027, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 59.4018, 0.2777, 0.3050 looks on a white background.

Color Contrast Check

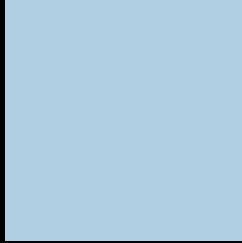
Large Text (above 18pt) WCAG AA × Fail

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 59.4018, 0.2777, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

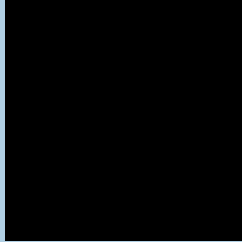
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

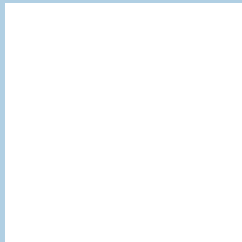
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4018, 0.2777, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 59.4018, 0.2777, 0.3050.



This preview shows how white text looks on a background with the Yxy color 59.4018, 0.2777, 0.3050.

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

59.4018, 0.2777, 0.3050

Protanopia

59.3804, 0.2966, 0.3035

Deuteranopia

59.1450, 0.2992, 0.2929



Tritanopia

59.1214, 0.2788, 0.3084

Trichromacy



Original Color

59.4018, 0.2777, 0.3050

Protanomaly

59.1701, 0.2895, 0.3043

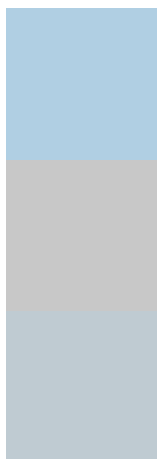
Deuteranomaly

59.2450, 0.2911, 0.2978

Tritanomaly

59.1758, 0.2782, 0.3073

Monochromacy



Original Color

59.4018, 0.2777, 0.3050

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4414, 0.2988, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4018, 0.2777, 0.3050 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(176, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(176, 207, 227)  
}
```

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(176, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 59.4018, 0.2777, 0.3050 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(176, 207, 227) }
```

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

```
.border{ border-color:rgb(176, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(176, 207,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4018, 0.2777, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 207, 227) }
```

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

```
.background{ background-color: rgb(176,  
207, 227) }
```

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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