

Converting Colors

$Yxy(58.9642, 0.2655, 0.2675)$

Have a look what the booklet for
Yxy(58.9642, 0.2655, 0.2675)
contains.

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Color

Yxy(59.1836, 0.2658, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	B8C9FF
RGB	184, 201, 255
RGB Percent	72%, 79%, 100%
CMY	0.2786, 0.2117, 0.0000
CMYK	0.28, 0.21, 0.00, 0.00
HSL	226°, 100%, 86%
HSV	226°, 28%, 100%
XYZ	58.6978, 59.1836, 102.9530
YIQ	202.0730, -27.4660, 13.1900

Conversions

Conversions Part 2

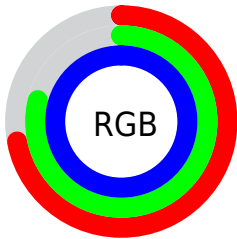
Format	Color
RYB	184, 198, 255
Decimal	12110335
CIELab	81.39, 6.00, -28.38
CIELCh	81, 29.010, 281.931
Yxy	59.1836, 0.2658, 0.2680
Android (android.graphics.Color)	4290300415 (0xFFB8C9FF)
YUV	202.0730, 26.0930, -15.8500
Hunter-Lab	76.9309, 1.5653, -25.4934

Details

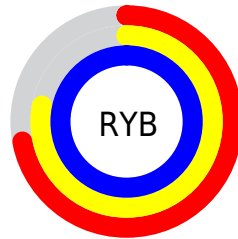
The Yxy color **59.1836, 0.2658, 0.2680** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8344, 0.3592, 0.3833**, and the grayscale version is **58.9537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **29.6118, 0.2540, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **47.8426, 0.2469, 0.2416**, and if you desaturate by 10%, it is **72.2340, 0.2838, 0.2921**.

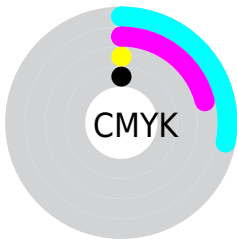
Distribution



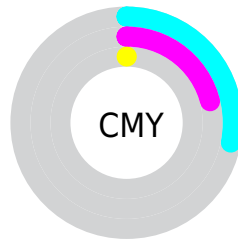
- Red (72%)
- Green (79%)
- Blue (100%)



- Red (72%)
- Yellow (78%)
- Blue (100%)



- Cyan (28%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1836, 0.2658, 0.2680 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 59.1836, 0.2658, 0.2680 by changing the saturation by 10% instead.

■ 59.1836, 0.2658,
0.2680

■ 59.1836, 0.2658,
0.2680

421.5820, 0.2881,
0.2964

■ 42.7609, 0.2606,
0.2615

■ 103.6445, 0.2736,
0.2779

■ 29.6976, 0.2542,
0.2535

132.4514, 0.2766,
0.2817

■ 19.6092, 0.2460,
0.2434

166.1553, 0.2792,
0.2850

■ 12.1113, 0.2352,
0.2303

205.1405, 0.2815,
0.2879

■ 6.8195, 0.2206,
0.2128

249.7913, 0.2834,
0.2904

■ 3.3495, 0.1996,
0.1882

300.4923, 0.2851,

■ 1.3168, 0.1678,

0.2926

0.1522

357.6277, 0.2867,
0.2946

0.1541, 0.0929,
0.0489

0.0000, 0.0000,
0.0000

59.1836, 0.2658,
0.2680

59.1836, 0.2658,
0.2680

47.8426, 0.2469,
0.2416

72.2340, 0.2838,
0.2921

38.1350, 0.2277,
0.2135

87.0588, 0.3005,
0.3138

29.9835, 0.2090,
0.1844

100.0000, 0.3127,
0.3290

23.3032, 0.1917,
0.1558

■ 18.0001, 0.1769,
0.1291

■ 13.9682, 0.1655,
0.1058

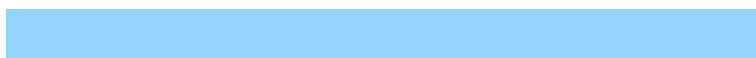
■ 11.0786, 0.1580,
0.0874

■ 10.5816, 0.1567,
0.0840

Harmonies

Analogous

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



59.1836, 0.2468, 0.2771



59.1836, 0.2658, 0.2680



59.1836, 0.2979, 0.2737

Triad

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



59.1836, 0.2658, 0.2680



59.1836, 0.3865, 0.3499



59.1836, 0.2873, 0.3706

Complementary

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



59.1836, 0.2658, 0.2680



85.8344, 0.3592, 0.3833

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.



59.1836, 0.3240, 0.3929



59.1836, 0.2658, 0.2680



59.1836, 0.3824, 0.3776

Square

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



59.1836, 0.2658, 0.2680



59.1836, 0.3692, 0.3192



59.1836, 0.3591, 0.3945



59.1836, 0.2585, 0.3356

Rectangle

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



59.1836, 0.2658, 0.2680



59.1836, 0.3233, 0.2848



59.1836, 0.3591, 0.3945



59.1836, 0.2991, 0.3800

Sweetspot

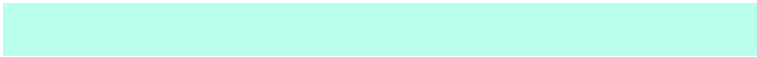
The Sweet Spot groups the original color and five complimentary colors.



59.1847, 0.2658, 0.2680



86.8392, 0.3003, 0.3135



87.8334, 0.2809, 0.3483



18.0857, 0.2979, 0.3104



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.



59.1847, 0.2658, 0.2680



53.1464, 0.2562, 0.2547



53.9999, 0.2761, 0.2507



18.0857, 0.2979, 0.3104



5.7203, 0.1574, 0.0865



0.7177, 0.1631, 0.1070

Inverse Universe

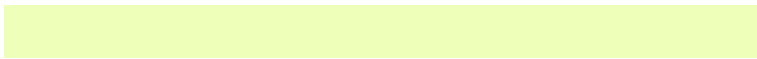
The Inverse Universe completely reimagines the original color for something new.



59.7405, 0.3593, 0.3114



54.0932, 0.3712, 0.3080



93.0246, 0.3430, 0.4018



18.0586, 0.3256, 0.3233



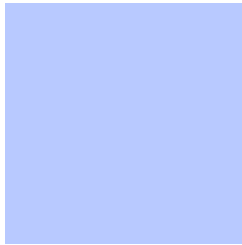
11.3054, 0.5966, 0.3060



1.1170, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 59.1836, 0.2658, 0.2680 looks on a white background.

Color Contrast Check

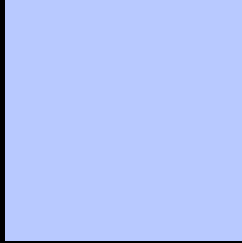
Large Text (above 18pt) WCAG AA × Fail

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 59.1836, 0.2658, 0.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

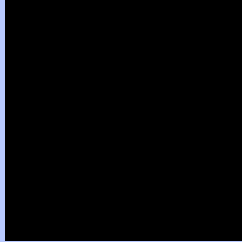
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1836, 0.2658, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 59.1836, 0.2658, 0.2680.



This preview shows how white text looks on a background with the Yxy color 59.1836, 0.2658, 0.2680.

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

59.1836, 0.2658, 0.2680

Protanopia

59.2831, 0.2695, 0.2684

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

59.3005, 0.2808, 0.3097

Trichromacy



Original Color

59.1836, 0.2658, 0.2680

Protanomaly

59.0291, 0.2682, 0.2682

Deuteranomaly

59.0140, 0.2695, 0.2663

Tritanomaly

59.3641, 0.2753, 0.2937

Monochromacy



Original Color

59.1836, 0.2658, 0.2680

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0636, 0.2943, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1836, 0.2658, 0.2680 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(184, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 255)  
}
```

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(184, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.1836, 0.2658, 0.2680 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(184, 201, 255) }
```

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

```
.border{ border-color:rgb(184, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1836, 0.2658, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 255) }
```

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

```
.background{ background-color: rgb(184,  
201, 255) }
```

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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