

Converting Colors

$Yxy(59.0933, 0.2664, 0.2676)$

Have a look what the booklet for
Yxy(59.0933, 0.2664, 0.2676)
contains.

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Color

Yxy(59.3076, 0.2665, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	B9C9FF
RGB	185, 201, 255
RGB Percent	73%, 79%, 100%
CMY	0.2743, 0.2118, 0.0000
CMYK	0.27, 0.21, 0.00, 0.00
HSL	226°, 100%, 86%
HSV	226°, 27%, 100%
XYZ	58.9537, 59.3076, 102.9532
YIQ	202.3720, -26.8700, 13.4020

Conversions

Conversions Part 2

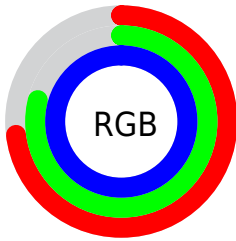
Format	Color
R _Y B	185, 198, 255
Decimal	12175871
CIE Lab	81.46, 6.32, -28.27
CIE LCh	81, 28.965, 282.608
Yxy	59.3076, 0.2665, 0.2681
Android (android.graphics.Color)	4290365951 (0xFFB9C9FF)
YUV	202.3720, 25.9456, -15.2352
Hunter-Lab	77.0114, 1.8750, -25.3542

Details

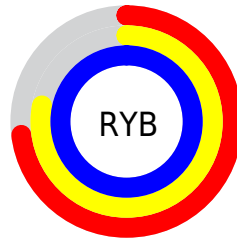
The Yxy color $59.3076, 0.2665, 0.2681$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.5337, 0.3582, 0.3833$, and the grayscale version is $59.1602, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $29.6905, 0.2547, 0.2535$ is the 20% darker color. If you saturate the color by 10%, you get $47.8177, 0.2475, 0.2414$, and if you desaturate by 10%, it is $72.5467, 0.2845, 0.2925$.

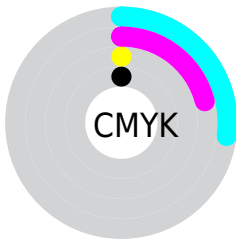
Distribution



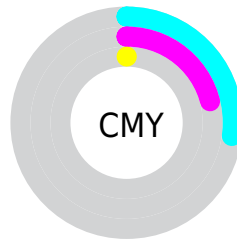
- Red (73%)
- Green (79%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3076, 0.2665, 0.2681 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 59.3076, 0.2665, 0.2681 by changing the saturation by 10% instead.

■ 59.3076, 0.2665,
0.2681

■ 59.3076, 0.2665,
0.2681

422.0409, 0.2884,
0.2965

■ 42.8608, 0.2614,
0.2616

■ 103.8246, 0.2742,
0.2779

■ 29.7759, 0.2551,
0.2537

132.6636, 0.2772,
0.2818

■ 19.6686, 0.2470,
0.2436

166.4020, 0.2797,
0.2851

■ 12.1543, 0.2364,
0.2306

205.4244, 0.2819,
0.2879

■ 6.8489, 0.2219,
0.2131

250.1151, 0.2839,
0.2905

■ 3.3678, 0.2012,
0.1886

300.8585, 0.2856,

■ 1.3266, 0.1697,

0.2927

0.1528

358.0389, 0.2871,
0.2947

0.1617, 0.0970,
0.0509

0.0000, 0.0000,
0.0000

59.3076, 0.2665,
0.2681

59.3076, 0.2665,
0.2681

47.8177, 0.2475,
0.2414

72.5467, 0.2845,
0.2925

37.9966, 0.2282,
0.2128

87.5995, 0.3012,
0.3144

29.7657, 0.2093,
0.1834

100.0000, 0.3127,
0.3290

23.0376, 0.1918,
0.1544

■ 17.7160, 0.1768,
0.1274

■ 13.6921, 0.1652,
0.1041

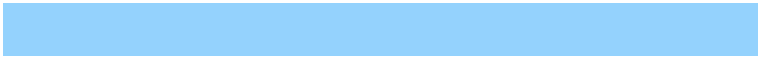
■ 10.8355, 0.1576,
0.0857

■ 10.2568, 0.1561,
0.0818

Harmonies

Analogous

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



59.3076, 0.2472, 0.2768



59.3076, 0.2665, 0.2681



59.3076, 0.2988, 0.2741

Triad

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



59.3076, 0.2665, 0.2681



59.3076, 0.3865, 0.3505



59.3076, 0.2866, 0.3698

Complementary

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



59.3076, 0.2665, 0.2681



86.5337, 0.3582, 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.



59.3076, 0.3232, 0.3924



59.3076, 0.2665, 0.2681



59.3076, 0.3820, 0.3780

Square

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



59.3076, 0.2665, 0.2681



59.3076, 0.3696, 0.3199



59.3076, 0.3583, 0.3945



59.3076, 0.2581, 0.3347

Rectangle

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



59.3076, 0.2665, 0.2681



59.3076, 0.3241, 0.2853



59.3076, 0.3583, 0.3945



59.3076, 0.2983, 0.3793

Sweetspot

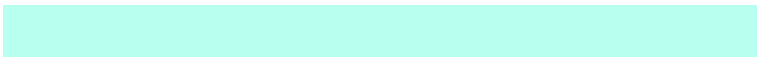
The Sweet Spot groups the original color and five complimentary colors.



59.3095, 0.2665, 0.2681



86.6928, 0.3003, 0.3132



88.0537, 0.2807, 0.3466



18.0491, 0.2979, 0.3101



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.



59.3095, 0.2665, 0.2681



52.6988, 0.2560, 0.2535



54.7351, 0.2776, 0.2523



18.0491, 0.2979, 0.3101



5.5428, 0.1567, 0.0842



0.6957, 0.1623, 0.1043

Inverse Universe

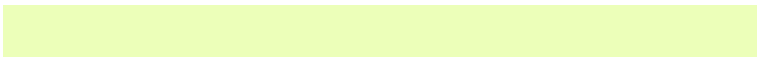
The Inverse Universe completely reimagines the original color for something new.



60.1961, 0.3591, 0.3126



54.0480, 0.3722, 0.3091



92.9173, 0.3418, 0.4008



18.0549, 0.3258, 0.3236



11.2875, 0.6002, 0.3080



1.1148, 0.5694, 0.2910

Previews

White Background



This preview shows how the Yxy color 59.3076, 0.2665, 0.2681 looks on a white background.

Color Contrast Check

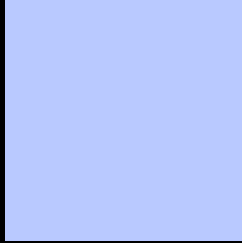
Large Text (above 18pt) WCAG AA × Fail

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 59.3076, 0.2665, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

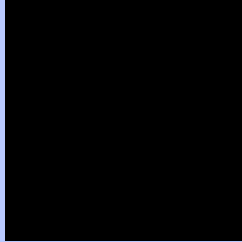
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3076, 0.2665, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 59.3076, 0.2665, 0.2681.



This preview shows how white text looks on a background with the Yxy color 59.3076, 0.2665, 0.2681.

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

59.3076, 0.2665, 0.2681

Protanopia

59.2831, 0.2695, 0.2684

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

59.4183, 0.2814, 0.3097

Trichromacy



Original Color

59.3076, 0.2665, 0.2681

Protanomaly

59.1557, 0.2689, 0.2683

Deuteranomaly

59.1432, 0.2701, 0.2665

Tritanomaly

59.4846, 0.2760, 0.2937

Monochromacy



Original Color

59.3076, 0.2665, 0.2681

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1973, 0.2951, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3076, 0.2665, 0.2681 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(185, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.3076, 0.2665, 0.2681 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(185, 201, 255) }
```

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

```
.border{ border-color:rgb(185, 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(185, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3076, 0.2665, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 255) }
```

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

```
.background{ background-color: rgb(185,  
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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