

Converting Colors

$Yxy(60.5686, 0.2581, 0.2508)$

Have a look what the booklet for
Yxy(60.5686, 0.2581, 0.2508)
contains.

Yxy(59.5581, 0.2678, 0.2683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.5581, 0.2678, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	BBC9FF
RGB	187, 201, 255
RGB Percent	73%, 79%, 100%
CMY	0.2663, 0.2118, 0.0000
CMYK	0.27, 0.21, 0.00, 0.00
HSL	228°, 100%, 87%
HSV	228°, 27%, 100%
XYZ	59.4471, 59.5581, 102.9780
YIQ	202.9700, -25.6780, 13.8260

Conversions

Conversions Part 2

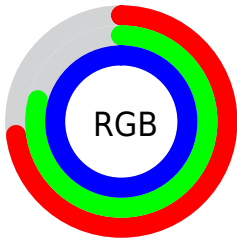
Format	Color
RYB	187, 199, 255
Decimal	12306943
CIELab	81.60, 6.92, -28.05
CIElCh	82, 28.886, 283.856
Yxy	59.5581, 0.2678, 0.2683
Android (android.graphics.Color)	4290497023 (0xFFBBC9FF)
YUV	202.9700, 25.6508, -14.0057
Hunter-Lab	77.1739, 2.4444, -25.0927

Details

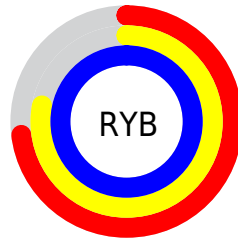
The Yxy color **59.5581, 0.2678, 0.2683** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.8279, 0.3564, 0.3831**, and the grayscale version is **59.5584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **29.8502, 0.2563, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **47.7822, 0.2487, 0.2409**, and if you desaturate by 10%, it is **73.1573, 0.2858, 0.2933**.

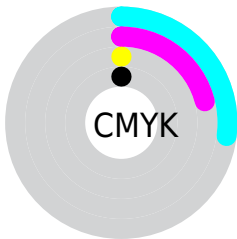
Distribution



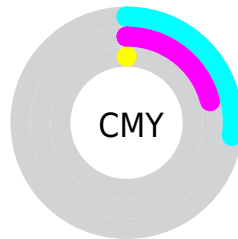
- Red (73%)
- Green (79%)
- Blue (100%)



- 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 59.5581, 0.2678, 0.2683 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 59.5581, 0.2678, 0.2683 by changing the saturation by 10% instead.

■ 59.5581, 0.2678,
0.2683

■ 59.5581, 0.2678,
0.2683

422.9670, 0.2891,
0.2965

■ 43.0626, 0.2628,
0.2619

■ 104.1884, 0.2753,
0.2781

■ 29.9342, 0.2567,
0.2539

133.0919, 0.2782,
0.2819

■ 19.7886, 0.2488,
0.2440

166.9002, 0.2807,
0.2852

■ 12.2415, 0.2385,
0.2310

205.9976, 0.2828,
0.2880

■ 6.9084, 0.2243,
0.2137

250.7686, 0.2847,
0.2905

■ 3.4049, 0.2041,
0.1894

301.5976, 0.2863,

■ 1.3466, 0.1733,

0.2928

0.1539

358.8689, 0.2878,
0.2947

0.1768, 0.1046,
0.0549

0.0000, 0.0000,
0.0000

59.5581, 0.2678,
0.2683

59.5581, 0.2678,
0.2683

47.7822, 0.2487,
0.2409

73.1573, 0.2858,
0.2933

37.7458, 0.2291,
0.2116

88.6486, 0.3025,
0.3156

29.3658, 0.2098,
0.1815

100.0000, 0.3127,
0.3290

22.5502, 0.1919,
0.1518

■ 17.1974, 0.1765,
0.1244

■ 13.1928, 0.1647,
0.1009

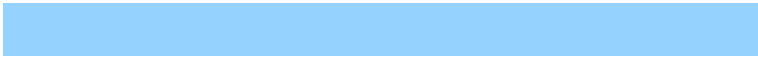
■ 10.4020, 0.1569,
0.0828

■ 9.6897, 0.1550,
0.0779

Harmonies

Analogous

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



59.5581, 0.2479, 0.2764



59.5581, 0.2678, 0.2683



59.5581, 0.3004, 0.2749

Triad

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



59.5581, 0.2678, 0.2683



59.5581, 0.3864, 0.3517



59.5581, 0.2853, 0.3684

Complementary

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



59.5581, 0.2678, 0.2683



87.8279, 0.3564, 0.3831

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.



59.5581, 0.3216, 0.3916



59.5581, 0.2678, 0.2683



59.5581, 0.3810, 0.3788

Square

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



59.5581, 0.2678, 0.2683



59.5581, 0.3705, 0.3212



59.5581, 0.3568, 0.3946



59.5581, 0.2575, 0.3332

Rectangle

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



59.5581, 0.2678, 0.2683



59.5581, 0.3257, 0.2863



59.5581, 0.3568, 0.3946



59.5581, 0.2969, 0.3780

Sweetspot

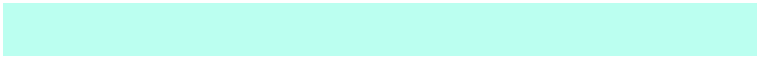
The Sweet Spot groups the original color and five complimentary colors.



59.5598, 0.2678, 0.2683



86.4139, 0.3003, 0.3127



88.4045, 0.2810, 0.3448



17.9794, 0.2979, 0.3095



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.



59.5598, 0.2678, 0.2683



53.0155, 0.2577, 0.2539



55.9681, 0.2796, 0.2549



17.9794, 0.2979, 0.3095



5.2312, 0.1556, 0.0801



0.6562, 0.1610, 0.0994

Inverse Universe

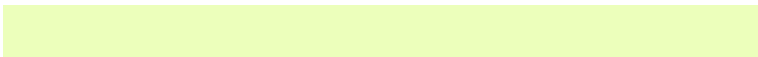
The Inverse Universe completely reimagines the original color for something new.



61.0549, 0.3586, 0.3147



55.0224, 0.3714, 0.3117



92.9033, 0.3402, 0.3988



18.0478, 0.3262, 0.3242



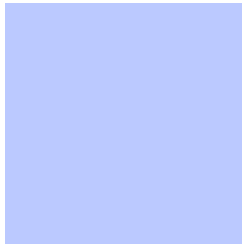
11.2561, 0.6068, 0.3116



1.1108, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 59.5581, 0.2678, 0.2683 looks on a white background.

Color Contrast Check

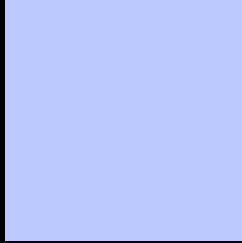
Large Text (above 18pt) WCAG AA × Fail

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 59.5581, 0.2678, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

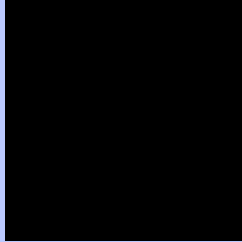
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5581, 0.2678, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 59.5581, 0.2678, 0.2683.



This preview shows how white text looks on a background with the Yxy color 59.5581, 0.2678, 0.2683.

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

59.5581, 0.2678, 0.2683

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

59.6689, 0.2728, 0.2669



Tritanopia

59.7771, 0.2835, 0.3098

Trichromacy



Original Color

59.5581, 0.2678, 0.2683

Protanomaly

59.2199, 0.2683, 0.2673

Deuteranomaly

59.7350, 0.2709, 0.2677

Tritanomaly

59.7281, 0.2773, 0.2939

Monochromacy



Original Color

59.5581, 0.2678, 0.2683

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3853, 0.2951, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5581, 0.2678, 0.2683 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(187, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.5581, 0.2678, 0.2683 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(187, 201, 255) }
```

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

```
.border{ border-color:rgb(187, 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(187, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5581, 0.2678, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 255) }
```

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

```
.background{ background-color: rgb(187,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor