

Converting Colors

$Yxy(58.7796, 0.2671, 0.2666)$

Have a look what the booklet for
Yxy(58.7796, 0.2671, 0.2666)
contains.

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Color

Yxy(58.9677, 0.2670, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8FF
RGB	186, 200, 255
RGB Percent	73%, 78%, 100%
CMY	0.2707, 0.2156, 0.0001
CMYK	0.27, 0.22, 0.00, 0.00
HSL	228°, 100%, 86%
HSV	228°, 27%, 100%
XYZ	58.9456, 58.9677, 102.8568
YIQ	202.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

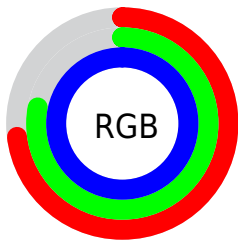
Format	Color
R_{YB}	186, 198, 255
Decimal	12241151
CIE Lab	81.27, 7.11, -28.53
CIE LCh	81, 29.398, 283.990
Yxy	58.9677, 0.2670, 0.2671
Android (android.graphics.Color)	4290431231 (0xFFBAC8FF)
YUV	202.0840, 26.0876, -14.1057
Hunter-Lab	76.7904, 2.6363, -25.6626

Details

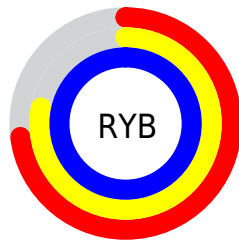
The Yxy color **58.9677, 0.2670, 0.2671** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.6703, 0.3572, 0.3841**, and the grayscale version is **58.9630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **29.4603, 0.2553, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **47.2651, 0.2479, 0.2396**, and if you desaturate by 10%, it is **72.4944, 0.2851, 0.2922**.

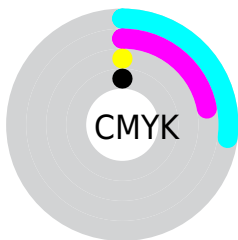
Distribution



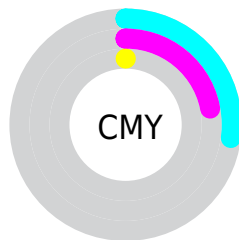
- Red (73%)
- Green (78%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9677, 0.2670, 0.2671 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 58.9677, 0.2670, 0.2671 by changing the saturation by 10% instead.

■ 58.9677, 0.2670,
0.2671

■ 58.9677, 0.2670,
0.2671

420.7822, 0.2887,
0.2959

■ 42.5871, 0.2619,
0.2605

■ 103.3307, 0.2746,
0.2771

■ 29.5613, 0.2556,
0.2524

132.0819, 0.2776,
0.2810

■ 19.5058, 0.2476,
0.2422

165.7255, 0.2801,
0.2843

■ 12.0364, 0.2370,
0.2290

204.6458, 0.2823,
0.2872

■ 6.7684, 0.2226,
0.2113

249.2272, 0.2842,
0.2898

■ 3.3177, 0.2019,
0.1866

299.8542, 0.2859,

■ 1.2998, 0.1705,

0.2921

0.1504

356.9110, 0.2874,
0.2941

0.1410, 0.0977,
0.0448

0.0000, 0.0000,
0.0000

58.9677, 0.2670,
0.2671

58.9677, 0.2670,
0.2671

47.2651, 0.2479,
0.2396

72.4944, 0.2851,
0.2922

37.3003, 0.2282,
0.2102

87.9123, 0.3018,
0.3147

28.9904, 0.2090,
0.1800

99.9981, 0.3127,
0.3290

22.2429, 0.1911,
0.1504

■ 16.9554, 0.1759,
0.1231

■ 13.0124, 0.1642,
0.0998

■ 10.2772, 0.1566,
0.0819

■ 9.6628, 0.1549,
0.0777

Harmonies

Analogous

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



58.9677, 0.2467, 0.2752



58.9677, 0.2670, 0.2671



58.9677, 0.3002, 0.2739

Triad

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



58.9677, 0.2670, 0.2671



58.9677, 0.3880, 0.3522



58.9677, 0.2846, 0.3691

Complementary

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



58.9677, 0.2670, 0.2671



87.6703, 0.3572, 0.3841

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.



58.9677, 0.3215, 0.3929



58.9677, 0.2670, 0.2671



58.9677, 0.3824, 0.3798

Square

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



58.9677, 0.2670, 0.2671



58.9677, 0.3718, 0.3211



58.9677, 0.3576, 0.3960



58.9677, 0.2562, 0.3330

Rectangle

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



58.9677, 0.2670, 0.2671



58.9677, 0.3261, 0.2856



58.9677, 0.3576, 0.3960



58.9677, 0.2963, 0.3790

Sweetspot

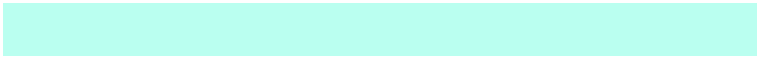
The Sweet Spot groups the original color and five complimentary colors.



58.9700, 0.2670, 0.2671



86.4011, 0.3003, 0.3127



88.2301, 0.2806, 0.3451



17.9762, 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.



58.9700, 0.2670, 0.2671



52.9774, 0.2576, 0.2538



55.3811, 0.2790, 0.2536



17.9762, 0.2979, 0.3095



5.2177, 0.1556, 0.0799



0.6544, 0.1609, 0.0992

Inverse Universe

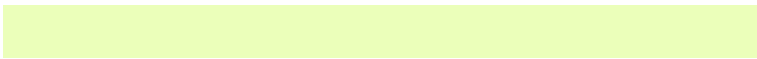
The Inverse Universe completely reimagines the original color for something new.



60.5341, 0.3597, 0.3146



55.0185, 0.3715, 0.3118



92.7795, 0.3406, 0.3999



18.0475, 0.3262, 0.3242



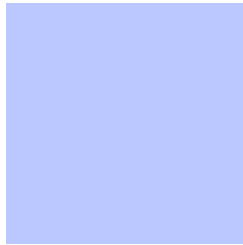
11.2547, 0.6071, 0.3118



1.1106, 0.5771, 0.2953

Previews

White Background



This preview shows how the Yxy color 58.9677, 0.2670, 0.2671 looks on a white background.

Color Contrast Check

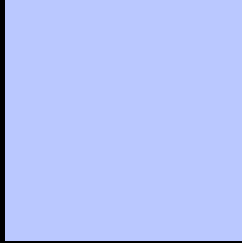
Large Text (above 18pt) WCAG AA × Fail

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 58.9677, 0.2670, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

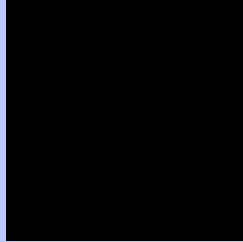
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9677, 0.2670, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 58.9677, 0.2670, 0.2671.



This preview shows how white text looks on a background with the Yxy color 58.9677, 0.2670, 0.2671.

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

58.9677, 0.2670, 0.2671

Protanopia

58.7582, 0.2682, 0.2661

Deuteranopia

58.9456, 0.2713, 0.2655



Tritanopia

59.0002, 0.2827, 0.3097

Trichromacy



Original Color

58.9677, 0.2670, 0.2671

Protanomaly

58.6316, 0.2675, 0.2660

Deuteranomaly

59.0140, 0.2695, 0.2663

Tritanomaly

59.0713, 0.2771, 0.2937

Monochromacy



Original Color

58.9677, 0.2670, 0.2671

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7295, 0.2950, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9677, 0.2670, 0.2671 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(186, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 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(186, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.9677, 0.2670, 0.2671 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(186, 200, 255) }
```

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

```
.border{ border-color:rgb(186, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9677, 0.2670, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 255) }
```

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

```
.background{ background-color: rgb(186,  
200, 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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