

Converting Colors

$Yxy(58.9007, 0.2702, 0.2658)$

Have a look what the booklet for
Yxy(58.9007, 0.2702, 0.2658)
contains.

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Color

Yxy(58.6845, 0.2700, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6FF
RGB	191, 198, 255
RGB Percent	75%, 78%, 100%
CMY	0.2511, 0.2235, 0.0000
CMYK	0.25, 0.22, 0.00, 0.00
HSL	233°, 100%, 87%
HSV	233°, 25%, 100%
XYZ	59.7241, 58.6845, 102.7919
YIQ	202.4050, -22.4690, 16.2430

Conversions

Conversions Part 2

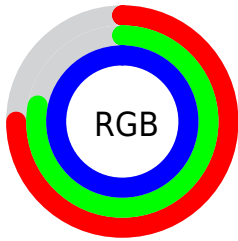
Format	Color
R_{YB}	191, 197, 255
Decimal	12568319
CIE Lab	81.12, 9.65, -28.75
CIE LCh	81, 30.330, 288.549
Yxy	58.6845, 0.2700, 0.2653
Android (android.graphics.Color)	4290758399 (0xFFBFC6FF)
YUV	202.4050, 25.9293, -10.0022
Hunter-Lab	76.6058, 5.1037, -25.9330

Details

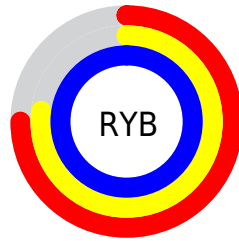
The Yxy color **58.6845, 0.2700, 0.2653** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1274, 0.3524, 0.3856**, and the grayscale version is **59.1723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.2580, 0.2590, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **46.0538, 0.2503, 0.2349**, and if you desaturate by 10%, it is **73.4490, 0.2883, 0.2930**.

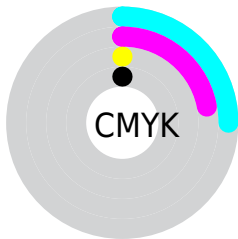
Distribution



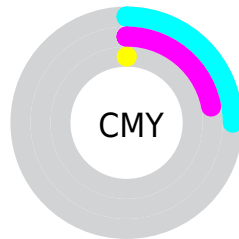
- Red (75%)
- Green (78%)
- Blue (100%)



- Red (75%)
- Yellow (77%)
- Blue (100%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6845, 0.2700, 0.2653 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 58.6845, 0.2700, 0.2653 by changing the saturation by 10% instead.

■ 58.6845, 0.2700,
0.2653

■ 58.6845, 0.2700,
0.2653

419.7317, 0.2904,
0.2948

■ 42.3592, 0.2652,
0.2586

■ 102.9190, 0.2772,
0.2755

■ 29.3827, 0.2593,
0.2503

131.5969, 0.2800,
0.2795

■ 19.3705, 0.2516,
0.2399

165.1612, 0.2823,
0.2830

■ 11.9383, 0.2416,
0.2265

203.9963, 0.2844,
0.2859

■ 6.7017, 0.2278,
0.2086

248.4865, 0.2862,
0.2886

■ 3.2762, 0.2080,
0.1836

299.0162, 0.2878,

■ 1.2776, 0.1775,

0.2909

0.1472

355.9698, 0.2892,
0.2930

0.1238, 0.1114,
0.0390

0.0000, 0.0000,
0.0000

58.6845, 0.2700,
0.2653

58.6845, 0.2700,
0.2653

46.0538, 0.2503,
0.2349

73.4490, 0.2883,
0.2930

35.4523, 0.2297,
0.2026

90.4337, 0.3049,
0.3176

26.7755, 0.2092,
0.1696

100.0000, 0.3127,
0.3290

19.9068, 0.1901,
0.1379

■ 14.7172, 0.1738,
0.1096

■ 11.0600, 0.1616,
0.0869

■ 8.7626, 0.1540,
0.0712

■ 8.0531, 0.1517,
0.0662

Harmonies

Analogous

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



58.6845, 0.2468, 0.2712



58.6845, 0.2700, 0.2653



58.6845, 0.3057, 0.2745

Triad

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



58.6845, 0.2700, 0.2653



58.6845, 0.3911, 0.3576



58.6845, 0.2784, 0.3653

Complementary

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



58.6845, 0.2700, 0.2653



92.1274, 0.3524, 0.3856

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.



58.6845, 0.3157, 0.3928



58.6845, 0.2700, 0.2653



58.6845, 0.3819, 0.3849

Square

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



58.6845, 0.2700, 0.2653



58.6845, 0.3777, 0.3256



58.6845, 0.3538, 0.3992



58.6845, 0.2512, 0.3272

Rectangle

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



58.6845, 0.2700, 0.2653



58.6845, 0.3326, 0.2877



58.6845, 0.3538, 0.3992



58.6845, 0.2901, 0.3763

Sweetspot

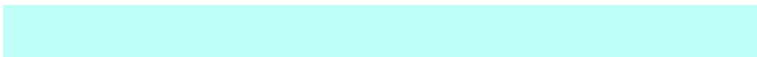
The Sweet Spot groups the original color and five complimentary colors.



58.6864, 0.2700, 0.2653



85.2925, 0.3003, 0.3108



89.3404, 0.2794, 0.3369



17.6993, 0.2979, 0.3071



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.



58.6864, 0.2700, 0.2653



52.2495, 0.2605, 0.2508



58.9927, 0.2864, 0.2605



17.6993, 0.2979, 0.3071



4.3105, 0.1521, 0.0676



0.5196, 0.1560, 0.0815

Inverse Universe

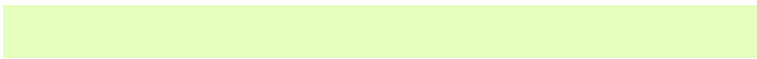
The Inverse Universe completely reimagines the original color for something new.



62.5856, 0.3603, 0.3218



56.8844, 0.3729, 0.3204



92.1785, 0.3344, 0.3955



18.0196, 0.3277, 0.3264



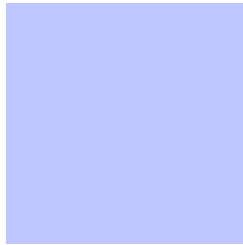
11.1631, 0.6272, 0.3229



1.0970, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 58.6845, 0.2700, 0.2653 looks on a white background.

Color Contrast Check

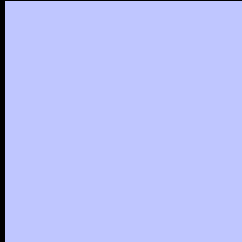
Large Text (above 18pt) WCAG AA × Fail

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 58.6845, 0.2700, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

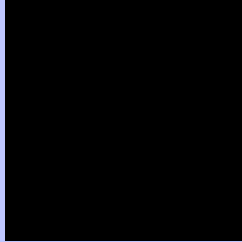
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6845, 0.2700, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 58.6845, 0.2700, 0.2653.



This preview shows how white text looks on a background with the Yxy color 58.6845, 0.2700, 0.2653.

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

58.6845, 0.2700, 0.2653

Protanopia

58.6316, 0.2675, 0.2660

Deuteranopia

58.4900, 0.2712, 0.2644



Tritanopia

58.5434, 0.2872, 0.3098

Trichromacy



Original Color

58.6845, 0.2700, 0.2653

Protanomaly

58.7582, 0.2682, 0.2661

Deuteranomaly

58.3590, 0.2706, 0.2643

Tritanomaly

58.6890, 0.2810, 0.2928

Monochromacy



Original Color

58.6845, 0.2700, 0.2653

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9995, 0.2965, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6845, 0.2700, 0.2653 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(191, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 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(191, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.6845, 0.2700, 0.2653 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(191, 198, 255) }
```

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

```
.border{ border-color:rgb(191, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6845, 0.2700, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 255) }
```

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

```
.background{ background-color: rgb(191,  
198, 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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