

Converting Colors

Yxy(61.4439, 0.2690, 0.2465)

Have a look what the booklet for
Yxy(61.4439, 0.2690, 0.2465)
contains.

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Color

Yxy(59.9653, 0.2807, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4FF
RGB	207, 196, 255
RGB Percent	81%, 77%, 100%
CMY	0.1882, 0.2313, 0.0002
CMYK	0.19, 0.23, 0.00, 0.00
HSL	251°, 100%, 88%
HSV	251°, 23%, 100%
XYZ	63.5180, 59.9653, 102.8009
YIQ	206.0150, -12.3830, 20.6810

Conversions

Conversions Part 2

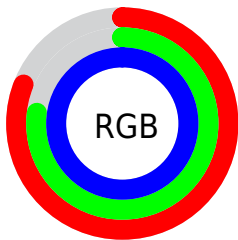
Format	Color
R_{YB}	207, 196, 255
Decimal	13616383
CIE _{Lab}	81.82, 15.51, -27.55
CIE _{LCh}	82, 31.615, 299.374
Yxy	59.9653, 0.2807, 0.2650
Android (android.graphics.Color)	4291806463 (0xFFCFC4FF)
YUV	206.0150, 24.1496, 0.8638
Hunter-Lab	77.4373, 10.8995, -24.5036

Details

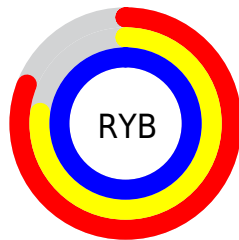
The Yxy color **59.9653, 0.2807, 0.2650** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.7077, 0.3404, 0.3884**, and the grayscale version is **61.5815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.0986, 0.2725, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **46.6322, 0.2638, 0.2329**, and if you desaturate by 10%, it is **75.6500, 0.2958, 0.2946**.

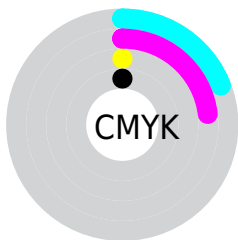
Distribution



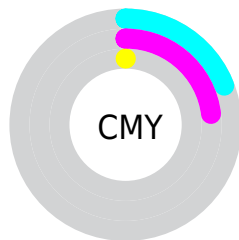
- Red (81%)
- Green (77%)
- Blue (100%)



- Red (81%)
- Yellow (77%)
- Blue (100%)



- Cyan (19%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9653, 0.2807, 0.2650 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 59.9653, 0.2807, 0.2650 by changing the saturation by 10% instead.


 59.9653, 0.2807,
0.2650

 59.9653, 0.2807,
0.2650

424.4699, 0.2962,
0.2944

 43.3907, 0.2770,
0.2584


104.7793, 0.2862,
0.2751

 30.1918, 0.2724,
0.2503


133.7875, 0.2883,
0.2791

 19.9842, 0.2665,
0.2402

167.7090, 0.2901,
0.2825

 12.3835, 0.2587,
0.2271

206.9282, 0.2916,
0.2855

 7.0055, 0.2478,
0.2098

251.8295, 0.2930,
0.2881

 3.4655, 0.2319,
0.1858

302.7973, 0.2942,

 1.3793, 0.2069,

0.2904

0.1511

360.2159, 0.2952,
0.2925

0.2014, 0.1645,
0.0581

0.0000, 0.0000,
0.0000

59.9653, 0.2807,
0.2650

59.9653, 0.2807,
0.2650

46.6322, 0.2638,
0.2329

75.6500, 0.2958,
0.2946

35.5295, 0.2454,
0.1991

93.7850, 0.3090,
0.3213

26.5360, 0.2262,
0.1652

99.9975, 0.3127,
0.3290

19.5160, 0.2071,
0.1331

■ 14.3179, 0.1894,
0.1052

■ 10.7672, 0.1744,
0.0837

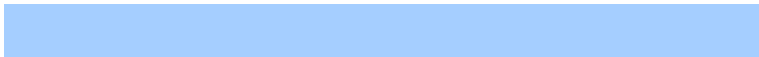
■ 8.6539, 0.1631,
0.0698

■ 7.8354, 0.1575,
0.0641

Harmonies

Analogous

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



59.9653, 0.2514, 0.2652



59.9653, 0.2807, 0.2650



59.9653, 0.3204, 0.2795

Triad

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



59.9653, 0.2807, 0.2650



59.9653, 0.3931, 0.3696



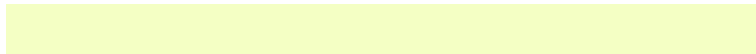
59.9653, 0.2654, 0.3528

Complementary

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



59.9653, 0.2807, 0.2650



94.7077, 0.3404, 0.3884

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.



59.9653, 0.3011, 0.3870



59.9653, 0.2807, 0.2650



59.9653, 0.3756, 0.3942

Square

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



59.9653, 0.2807, 0.2650



59.9653, 0.3877, 0.3373



59.9653, 0.3415, 0.4021



59.9653, 0.2430, 0.3131

Rectangle

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



59.9653, 0.2807, 0.2650



59.9653, 0.3478, 0.2957



59.9653, 0.3415, 0.4021



59.9653, 0.2762, 0.3656

Sweetspot

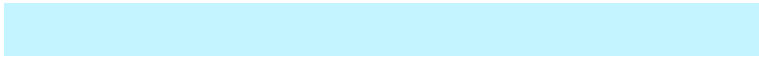
The Sweet Spot groups the original color and five complimentary colors.



59.9677, 0.2807, 0.2650



86.4847, 0.3041, 0.3113



83.7482, 0.2775, 0.3174



18.2743, 0.3033, 0.3097



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.



59.9677, 0.2807, 0.2650



53.1947, 0.2727, 0.2496



64.5843, 0.3016, 0.2688



17.5407, 0.3008, 0.3046



4.1420, 0.1586, 0.0647



0.4447, 0.1681, 0.0700

Inverse Universe

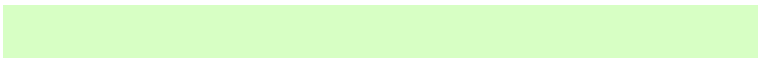
The Inverse Universe completely reimagines the original color for something new.



67.2658, 0.3234, 0.2814



61.7665, 0.3261, 0.2711



89.8795, 0.3213, 0.3921



18.2388, 0.3167, 0.3099



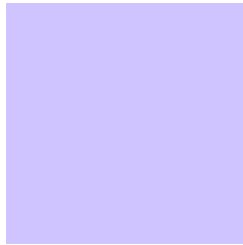
13.4945, 0.3747, 0.1838



1.3283, 0.3674, 0.1798

Previews

White Background



This preview shows how the Yxy color 59.9653, 0.2807, 0.2650 looks on a white background.

Color Contrast Check

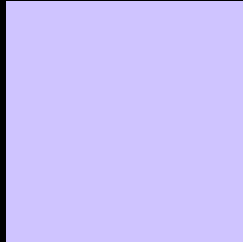
Large Text (above 18pt) WCAG AA × Fail

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 59.9653, 0.2807, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

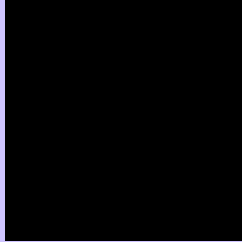
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9653, 0.2807, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 59.9653, 0.2807, 0.2650.

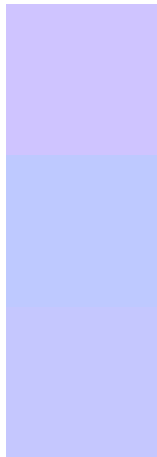


This preview shows how white text looks on a background with the Yxy color 59.9653, 0.2807, 0.2650.

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

59.9653, 0.2807, 0.2650

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

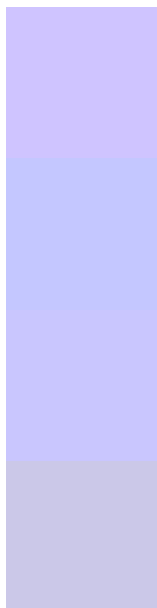
59.8729, 0.2747, 0.2681



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

59.9653, 0.2807, 0.2650

Protanomaly

59.8026, 0.2734, 0.2670

Deuteranomaly

59.9614, 0.2773, 0.2675

Tritanomaly

59.8313, 0.2928, 0.2927

Monochromacy



Original Color

59.9653, 0.2807, 0.2650

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7447, 0.3004, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9653, 0.2807, 0.2650 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(207, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 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(207, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.9653, 0.2807, 0.2650 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(207, 196, 255) }
```

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

```
.border{ border-color:rgb(207, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9653, 0.2807, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 255) }
```

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

```
.background{ background-color: rgb(207,  
196, 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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