

Converting Colors

Yxy(59.0011, 0.2806, 0.2625)

Have a look what the booklet for
Yxy(59.0011, 0.2806, 0.2625)
contains.

Yxy(59.0690, 0.2805, 0.2627)	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(59.0690, 0.2805, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	CFC2FF
RGB	207, 194, 255
RGB Percent	81%, 76%, 100%
CMY	0.1884, 0.2392, 0.0000
CMYK	0.19, 0.24, 0.00, 0.00
HSL	253°, 100%, 88%
HSV	253°, 24%, 100%
XYZ	63.0714, 59.0690, 102.7131
YIQ	204.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

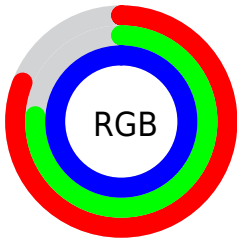
Format	Color
R_{YB}	207, 194, 255
Decimal	13615871
CIE _{Lab}	81.33, 16.59, -28.34
CIE _{LCh}	81, 32.839, 300.348
Yxy	59.0690, 0.2805, 0.2627
Android (android.graphics.Color)	4291805951 (0xFFCFC2FF)
YUV	204.8410, 24.7284, 1.8934
Hunter-Lab	76.8564, 11.9856, -25.4374

Details

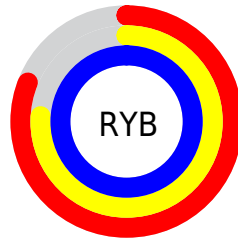
The Yxy color `59.0690, 0.2805, 0.2627` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94.2999, 0.3403, 0.3907`, and the grayscale version is `60.7870, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.4744, 0.3129, 0.3252`, and `29.5088, 0.2723, 0.2471` is the 20% darker color. If you saturate the color by 10%, you get `45.9648, 0.2640, 0.2306`, and if you desaturate by 10%, it is `74.4890, 0.2953, 0.2924`.

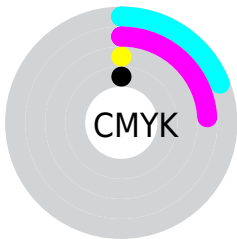
Distribution



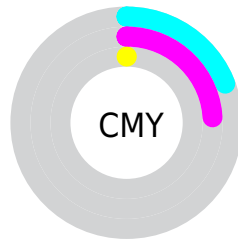
- Red (81%)
- Green (76%)
- Blue (100%)



- Red (81%)
- Yellow (76%)
- Blue (100%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0690, 0.2805, 0.2627 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 59.0690, 0.2805, 0.2627 by changing the saturation by 10% instead.


 59.0690, 0.2805,
0.2627

 59.0690, 0.2805,
0.2627


421.1576, 0.2961,
0.2931

 42.6687, 0.2768,
0.2559


 103.4779, 0.2860,
0.2732

 29.6252, 0.2721,
0.2475


132.2553, 0.2882,
0.2773

 19.5543, 0.2661,
0.2370


165.9272, 0.2900,
0.2808

 12.0715, 0.2581,
0.2235

204.8780, 0.2915,
0.2839

 6.7924, 0.2470,
0.2056

249.4920, 0.2929,
0.2866

 3.3326, 0.2307,
0.1809

300.1537, 0.2941,

 1.3077, 0.2050,

0.2890

0.1453

357.2474, 0.2952,
0.2912

0.1472, 0.1613,
0.0436

0.0000, 0.0000,
0.0000

59.0690, 0.2805,
0.2627

59.0690, 0.2805,
0.2627

45.9648, 0.2640,
0.2306

74.4890, 0.2953,
0.2924

35.0624, 0.2460,
0.1971

92.3294, 0.3082,
0.3193

26.2395, 0.2272,
0.1635

100.0000, 0.3127,
0.3290

19.3608, 0.2085,
0.1320

■ 14.2750, 0.1910,
0.1047

■ 10.8079, 0.1761,
0.0838

■ 8.7484, 0.1647,
0.0703

■ 8.0094, 0.1596,
0.0653

Harmonies

Analogous

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



59.0690, 0.2496, 0.2623



59.0690, 0.2805, 0.2627



59.0690, 0.3221, 0.2782

Triad

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



59.0690, 0.2805, 0.2627



59.0690, 0.3963, 0.3721



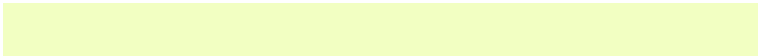
59.0690, 0.2624, 0.3525

Complementary

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



59.0690, 0.2805, 0.2627



94.2999, 0.3403, 0.3907

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.



59.0690, 0.2992, 0.3889



59.0690, 0.2805, 0.2627



59.0690, 0.3773, 0.3975

Square

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



59.0690, 0.2805, 0.2627



59.0690, 0.3916, 0.3386



59.0690, 0.3413, 0.4053



59.0690, 0.2397, 0.3110

Rectangle

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



59.0690, 0.2805, 0.2627



59.0690, 0.3507, 0.2952



59.0690, 0.3413, 0.4053



59.0690, 0.2734, 0.3660

Sweetspot

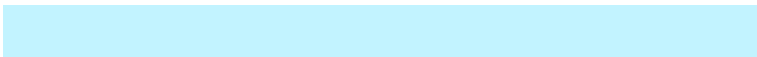
The Sweet Spot groups the original color and five complimentary colors.



59.0692, 0.2805, 0.2627



86.5660, 0.3044, 0.3113



82.6735, 0.2762, 0.3159



18.2931, 0.3036, 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.



59.0692, 0.2805, 0.2627



52.1265, 0.2723, 0.2467



63.7616, 0.3019, 0.2667



17.5637, 0.3012, 0.3046



4.2366, 0.1607, 0.0659



0.4571, 0.1709, 0.0715

Inverse Universe

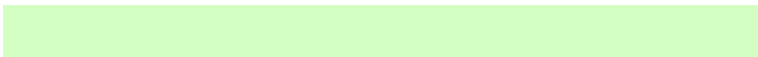
The Inverse Universe completely reimagines the original color for something new.



66.2614, 0.3250, 0.2812



60.5770, 0.3281, 0.2708



89.4583, 0.3209, 0.3947



18.2304, 0.3171, 0.3105



13.3306, 0.3834, 0.1886



1.3137, 0.3748, 0.1839

Previews

White Background



This preview shows how the Yxy color 59.0690, 0.2805, 0.2627 looks on a white background.

Color Contrast Check

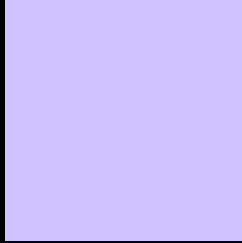
Large Text (above 18pt) WCAG AA × Fail

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 59.0690, 0.2805, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

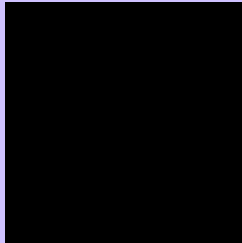
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0690, 0.2805, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 59.0690, 0.2805, 0.2627.

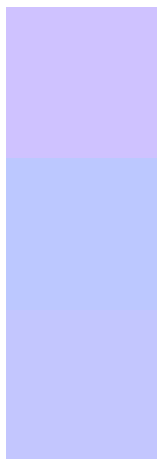


This preview shows how white text looks on a background with the Yxy color 59.0690, 0.2805, 0.2627.

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

59.0690, 0.2805, 0.2627

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

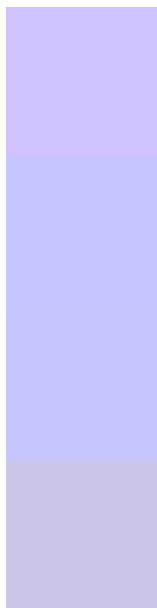
59.1460, 0.2733, 0.2668



Tritanopia

59.0624, 0.3007, 0.3103

Trichromacy



Original Color

59.0690, 0.2805, 0.2627

Protanomaly

59.2103, 0.2727, 0.2658

Deuteranomaly

59.2304, 0.2759, 0.2661

Tritanomaly

58.8542, 0.2934, 0.2914

Monochromacy



Original Color

59.0690, 0.2805, 0.2627

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2228, 0.3010, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0690, 0.2805, 0.2627 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.0690, 0.2805, 0.2627 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, 194, 255) }
```

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

```
.border{ border-color:rgb(207, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0690, 0.2805, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 255) }
```

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

```
.background{ background-color: rgb(207,  
194, 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