

Converting Colors

$Y_{xy}(59.9173, 0.2825, 0.2642)$

Have a look what the booklet for
Yxy(59.9173, 0.2825, 0.2642)
contains.

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Color

Yxy(59.9519, 0.2827, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	D2C3FF
RGB	210, 195, 255
RGB Percent	82%, 76%, 100%
CMY	0.1764, 0.2353, 0.0000
CMYK	0.18, 0.24, 0.00, 0.00
HSL	255°, 100%, 88%
HSV	255°, 24%, 100%
XYZ	64.1499, 59.9519, 102.8168
YIQ	206.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

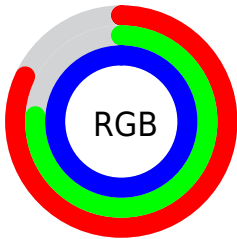
Format	Color
R _{YB}	210, 195, 255
Decimal	13812735
CIE _{Lab}	81.81, 16.98, -27.57
CIE _{LCh}	82, 32.384, 301.631
Y _{xy}	59.9519, 0.2827, 0.2642
Android (android.graphics.Color)	4292002815 (0xFFD2C3FF)
YUV	206.3250, 23.9968, 3.2230
Hunter-Lab	77.4286, 12.3878, -24.5307

Details

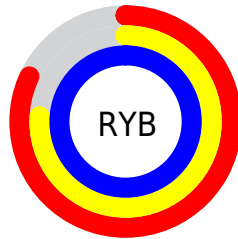
The Yxy color **59.9519, 0.2827, 0.2642** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.9810, 0.3383, 0.3900**, and the grayscale version is **61.7903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.0955, 0.2751, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **46.8448, 0.2670, 0.2325**, and if you desaturate by 10%, it is **75.3473, 0.2967, 0.2936**.

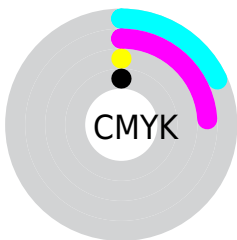
Distribution



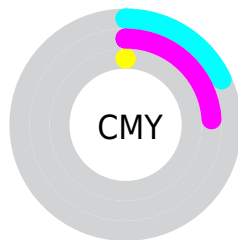
- Red (82%)
- Green (76%)
- Blue (100%)



- Red (82%)
- Yellow (76%)
- Blue (100%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9519, 0.2827, 0.2642 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 59.9519, 0.2827, 0.2642 by changing the saturation by 10% instead.


 59.9519, 0.2827,
0.2642

 59.9519, 0.2827,
0.2642

424.4205, 0.2973,
0.2939

 43.3799, 0.2792,
0.2575

 104.7599, 0.2879,
0.2744

 30.1833, 0.2749,
0.2494


133.7646, 0.2898,
0.2784

 19.9777, 0.2693,
0.2392


167.6824, 0.2915,
0.2819

 12.3789, 0.2618,
0.2261

206.8976, 0.2930,
0.2849

 7.0023, 0.2515,
0.2086

251.7946, 0.2943,
0.2875

 3.4635, 0.2362,
0.1846

302.7578, 0.2954,

 1.3782, 0.2121,

0.2899

0.1500

360.1716, 0.2964,
0.2920

0.2006, 0.1729,
0.0573

0.0000, 0.0000,
0.0000

59.9519, 0.2827,
0.2642

59.9519, 0.2827,
0.2642

46.8448, 0.2670,
0.2325

75.3473, 0.2967,
0.2936

35.9121, 0.2498,
0.1994

93.1312, 0.3088,
0.3203

27.0346, 0.2317,
0.1663

100.0000, 0.3127,
0.3290

20.0801, 0.2135,
0.1351

■ 14.9007, 0.1962,
0.1079

■ 11.3261, 0.1811,
0.0868

■ 9.1507, 0.1690,
0.0728

■ 8.3049, 0.1631,
0.0672

Harmonies

Analogous

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



59.9519, 0.2517, 0.2631



59.9519, 0.2827, 0.2642



59.9519, 0.3238, 0.2800

Triad

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



59.9519, 0.2827, 0.2642



59.9519, 0.3944, 0.3727



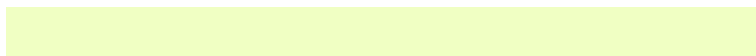
59.9519, 0.2620, 0.3503

Complementary

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



59.9519, 0.2827, 0.2642



93.9810, 0.3383, 0.3900

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.



59.9519, 0.2978, 0.3865



59.9519, 0.2827, 0.2642



59.9519, 0.3749, 0.3970

Square

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



59.9519, 0.2827, 0.2642



59.9519, 0.3908, 0.3400



59.9519, 0.3391, 0.4036



59.9519, 0.2404, 0.3098

Rectangle

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



59.9519, 0.2827, 0.2642



59.9519, 0.3517, 0.2970



59.9519, 0.3391, 0.4036



59.9519, 0.2727, 0.3637

Sweetspot

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



59.9529, 0.2827, 0.2642



86.6852, 0.3048, 0.3114



81.1411, 0.2765, 0.3129



18.3206, 0.3041, 0.3098



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.



59.9529, 0.2827, 0.2642



53.8188, 0.2759, 0.2503



64.7734, 0.3043, 0.2682



17.5974, 0.3018, 0.3047



4.3982, 0.1644, 0.0679



0.4771, 0.1753, 0.0739

Inverse Universe

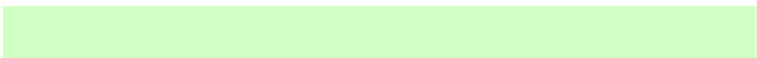
The Inverse Universe completely reimagines the original color for something new.



66.5782, 0.3264, 0.2842



61.4966, 0.3296, 0.2754



89.1611, 0.3189, 0.3939



18.2181, 0.3177, 0.3114



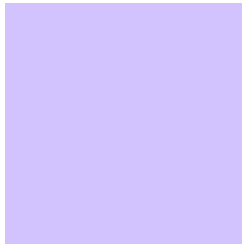
13.1030, 0.3966, 0.1959



1.2933, 0.3861, 0.1900

Previews

White Background



This preview shows how the Yxy color 59.9519, 0.2827, 0.2642 looks on a white background.

Color Contrast Check

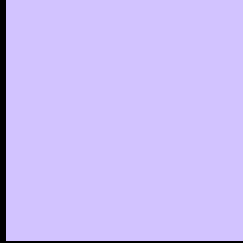
Large Text (above 18pt) WCAG AA × Fail

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 59.9519, 0.2827, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

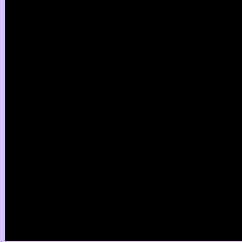
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9519, 0.2827, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 59.9519, 0.2827, 0.2642.

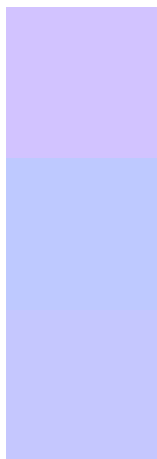


This preview shows how white text looks on a background with the Yxy color 59.9519, 0.2827, 0.2642.

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

59.9519, 0.2827, 0.2642

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

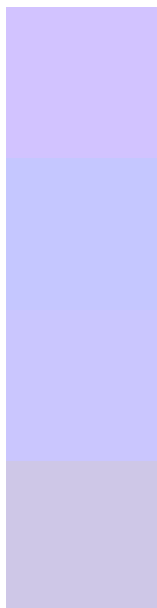
59.8729, 0.2747, 0.2681



Tritanopia

59.9995, 0.3022, 0.3105

Trichromacy



Original Color

59.9519, 0.2827, 0.2642

Protanomaly

59.9372, 0.2741, 0.2671

Deuteranomaly

60.1005, 0.2780, 0.2676

Tritanomaly

59.7382, 0.2956, 0.2928

Monochromacy



Original Color

59.9519, 0.2827, 0.2642

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8883, 0.3011, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9519, 0.2827, 0.2642 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(210, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 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(210, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.9519, 0.2827, 0.2642 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(210, 195, 255) }
```

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

```
.border{ border-color:rgb(210, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9519, 0.2827, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 255) }
```

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

```
.background{ background-color: rgb(210,  
195, 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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