

Converting Colors

$Yxy(61.1894, 0.2804, 0.2681)$

Have a look what the booklet for
Yxy(61.1894, 0.2804, 0.2681)
contains.

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Color

Yxy(61.1887, 0.2802, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7FF
RGB	206, 199, 255
RGB Percent	81%, 78%, 100%
CMY	0.1921, 0.2196, 0.0001
CMYK	0.19, 0.22, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 22%, 100%
XYZ	63.9264, 61.1887, 103.0306
YIQ	207.4770, -13.8040, 18.9000

Conversions

Conversions Part 2

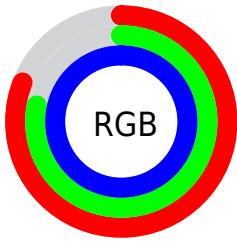
Format	Color
R _Y B	206, 199, 255
Decimal	13551615
CIE _{Lab}	82.48, 13.59, -26.56
CIE _{LCh}	82, 29.834, 297.107
Y _{xy}	61.1887, 0.2802, 0.2682
Android (android.graphics.Color)	4291741695 (0xFFCEC7FF)
YUV	207.4770, 23.4288, -1.2953
Hunter-Lab	78.2232, 8.9852, -23.3368

Details

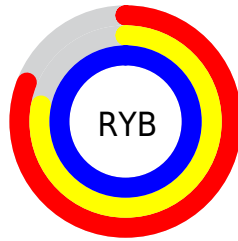
The Yxy color **61.1887, 0.2802, 0.2682** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.5816, 0.3413, 0.3848**, and the grayscale version is **62.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9073, 0.2720, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **47.4547, 0.2623, 0.2358**, and if you desaturate by 10%, it is **77.3464, 0.2962, 0.2978**.

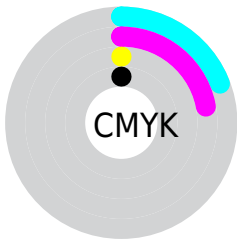
Distribution



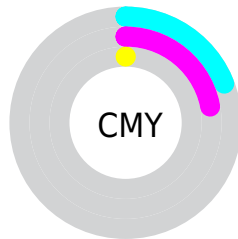
- Red (81%)
- Green (78%)
- Blue (100%)



- Red (81%)
- Yellow (78%)
- Blue (100%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1887, 0.2802, 0.2682 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 61.1887, 0.2802, 0.2682 by changing the saturation by 10% instead.

61.1887, 0.2802,
0.2682

61.1887, 0.2802,
0.2682

428.9655, 0.2958,
0.2961

44.3775, 0.2765,
0.2619

106.5521, 0.2857,
0.2778

30.9674, 0.2719,
0.2542

135.8731, 0.2878,
0.2816

20.5740, 0.2661,
0.2445

170.1328, 0.2896,
0.2848

12.8130, 0.2583,
0.2321

209.7155, 0.2912,
0.2877

7.2999, 0.2475,
0.2155

255.0058, 0.2926,
0.2901

3.6503, 0.2318,
0.1925

306.3880, 0.2938,

1.4800, 0.2072,

0.2924

0.1591

364.2464, 0.2948,
0.2943

0.2746, 0.1655,
0.0767

0.0000, 0.0000,
0.0000

61.1887, 0.2802,
0.2682

61.1887, 0.2802,
0.2682

47.4547, 0.2623,
0.2358

77.3464, 0.2962,
0.2978

36.0201, 0.2430,
0.2016

96.0293, 0.3102,
0.3242

26.7608, 0.2228,
0.1669

99.9987, 0.3127,
0.3290

19.5380, 0.2030,
0.1339

■ 14.1964, 0.1849,
0.1050

■ 10.5587, 0.1699,
0.0826

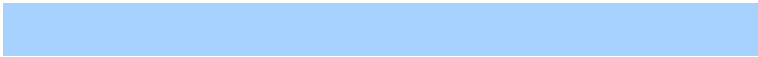
■ 8.4125, 0.1592,
0.0683

■ 7.5246, 0.1538,
0.0621

Harmonies

Analogous

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



61.1887, 0.2535, 0.2696



61.1887, 0.2802, 0.2682



61.1887, 0.3171, 0.2809

Triad

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



61.1887, 0.2802, 0.2682



61.1887, 0.3884, 0.3652



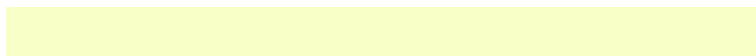
61.1887, 0.2705, 0.3541

Complementary

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



61.1887, 0.2802, 0.2682



95.5816, 0.3413, 0.3848

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.



61.1887, 0.3048, 0.3849



61.1887, 0.2802, 0.2682



61.1887, 0.3736, 0.3890

Square

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



61.1887, 0.2802, 0.2682



61.1887, 0.3816, 0.3347



61.1887, 0.3427, 0.3975



61.1887, 0.2482, 0.3170

Rectangle

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



61.1887, 0.2802, 0.2682



61.1887, 0.3429, 0.2957



61.1887, 0.3427, 0.3975



61.1887, 0.2810, 0.3658

Sweetspot

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



61.1912, 0.2802, 0.2682



86.2931, 0.3034, 0.3113



86.7726, 0.2795, 0.3220



18.2301, 0.3025, 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.



61.1912, 0.2802, 0.2682



55.3569, 0.2732, 0.2554



65.4791, 0.2996, 0.2715



17.4867, 0.2998, 0.3045



3.9662, 0.1545, 0.0625



0.4188, 0.1622, 0.0667

Inverse Universe

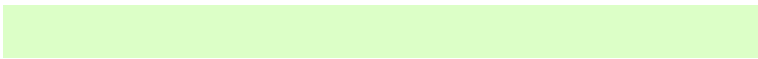
The Inverse Universe completely reimagines the original color for something new.



68.8803, 0.3203, 0.2807



64.2230, 0.3219, 0.2716



90.9183, 0.3233, 0.3882



18.2589, 0.3157, 0.3085



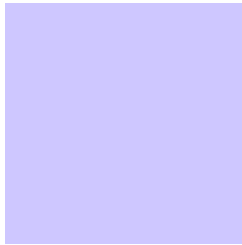
13.9100, 0.3554, 0.1731



1.3649, 0.3509, 0.1706

Previews

White Background



This preview shows how the Yxy color 61.1887, 0.2802, 0.2682 looks on a white background.

Color Contrast Check

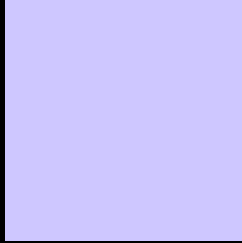
Large Text (above 18pt) WCAG AA × Fail

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 61.1887, 0.2802, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

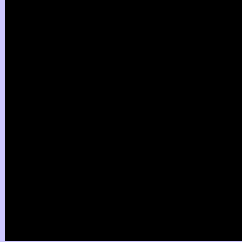
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1887, 0.2802, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 61.1887, 0.2802, 0.2682.

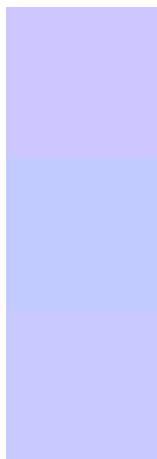


This preview shows how white text looks on a background with the Yxy color 61.1887, 0.2802, 0.2682.

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

61.1887, 0.2802, 0.2682

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

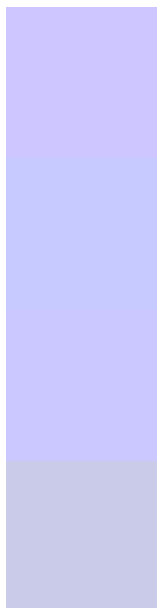
61.2726, 0.2763, 0.2697



Tritanopia

61.1625, 0.2980, 0.3105

Trichromacy



Original Color

61.1887, 0.2802, 0.2682

Protanomaly

61.4668, 0.2750, 0.2707

Deuteranomaly

61.0851, 0.2775, 0.2688

Tritanomaly

61.1516, 0.2915, 0.2950

Monochromacy



Original Color

61.1887, 0.2802, 0.2682

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8329, 0.3011, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1887, 0.2802, 0.2682 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(206, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 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(206, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.1887, 0.2802, 0.2682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

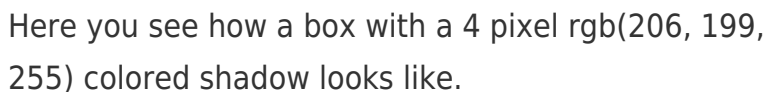
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 199, 255) }
```

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

```
.border{ border-color:rgb(206, 199, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1887, 0.2802, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 255) }
```

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

```
.background{ background-color: rgb(206,  
199, 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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