

Converting Colors

Yxy(57.6828, 0.2815, 0.2661)

Have a look what the booklet for
Yxy(57.6828, 0.2815, 0.2661)
contains.

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Color

Yxy(57.8794, 0.2815, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1FA
RGB	204, 193, 250
RGB Percent	80%, 76%, 98%
CMY	0.2000, 0.2431, 0.0195
CMYK	0.18, 0.23, 0.00, 0.02
HSL	252°, 85%, 87%
HSV	252°, 23%, 98%
XYZ	61.2291, 57.8794, 98.4015
YIQ	202.7870, -11.7410, 20.0590

Conversions

Conversions Part 2

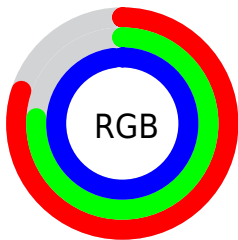
Format	Color
R_{YB}	204, 193, 250
Decimal	13419002
CIE _{Lab}	80.67, 15.14, -26.69
CIE _{LCh}	81, 30.684, 299.563
Yxy	57.8794, 0.2815, 0.2661
Android (android.graphics.Color)	4291609082 (0xFFCCC1FA)
YUV	202.7870, 23.2760, 1.0638
Hunter-Lab	76.0785, 10.5219, -23.4319

Details

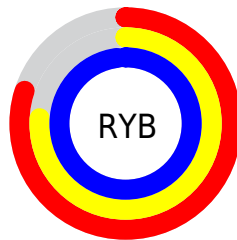
The Yxy color **57.8794, 0.2815, 0.2661** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.5872, 0.3398, 0.3875**, and the grayscale version is **59.4391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.7051, 0.2734, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **45.0772, 0.2648, 0.2341**, and if you desaturate by 10%, it is **72.9243, 0.2964, 0.2956**.

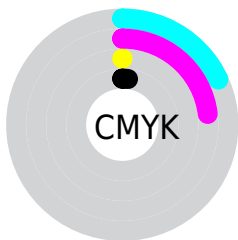
Distribution



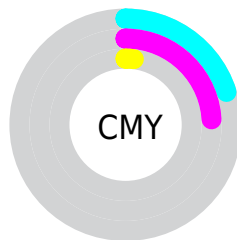
- Red (80%)
- Green (76%)
- Blue (98%)



- Red (80%)
- Yellow (76%)
- Blue (98%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8794, 0.2815, 0.2661 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 57.8794, 0.2815, 0.2661 by changing the saturation by 10% instead.

■ 57.8794, 0.2815,
0.2661

■ 57.8794, 0.2815,
0.2661

■ 416.7364, 0.2967,
0.2952

■ 41.7117, 0.2779,
0.2595

■ 101.7472, 0.2869,
0.2762

■ 28.8756, 0.2733,
0.2514

■ 130.2161, 0.2890,
0.2801

■ 18.9867, 0.2674,
0.2412

■ 163.5542, 0.2907,
0.2835

■ 11.6607, 0.2596,
0.2280

■ 202.1459, 0.2922,
0.2864

■ 6.5131, 0.2486,
0.2104

■ 246.3756, 0.2936,
0.2890

■ 3.1595, 0.2324,
0.1858

■ 296.6276, 0.2947,

■ 1.2156, 0.2064,

0.2913

0.1498

353.2864, 0.2958,
0.2933

0.0744, 0.1554,
0.0262

0.0000, 0.0000,
0.0000

57.8794, 0.2815,
0.2661

57.8794, 0.2815,
0.2661

45.0772, 0.2648,
0.2341

72.9243, 0.2964,
0.2956

34.4025, 0.2466,
0.2005

90.3054, 0.3094,
0.3221

25.7406, 0.2275,
0.1667

99.6833, 0.3156,
0.3338

18.9632, 0.2085,
0.1346

■ 13.9266, 0.1908,
0.1066

■ 10.4662, 0.1756,
0.0848

■ 8.3841, 0.1640,
0.0705

■ 7.5373, 0.1581,
0.0644

Harmonies

Analogous

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



57.8794, 0.2526, 0.2662



57.8794, 0.2815, 0.2661



57.8794, 0.3206, 0.2804

Triad

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



57.8794, 0.2815, 0.2661



57.8794, 0.3916, 0.3691



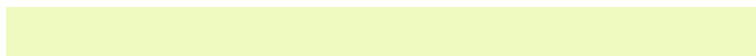
57.8794, 0.2661, 0.3521

Complementary

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



57.8794, 0.2815, 0.2661



90.5872, 0.3398, 0.3875

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.



57.8794, 0.3011, 0.3857



57.8794, 0.2815, 0.2661



57.8794, 0.3743, 0.3932

Square

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



57.8794, 0.2815, 0.2661



57.8794, 0.3864, 0.3375



57.8794, 0.3408, 0.4007



57.8794, 0.2441, 0.3132

Rectangle

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



57.8794, 0.2815, 0.2661



57.8794, 0.3475, 0.2964



57.8794, 0.3408, 0.4007



57.8794, 0.2766, 0.3647

Sweetspot

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



57.8818, 0.2815, 0.2661



86.5046, 0.3042, 0.3113



80.3057, 0.2780, 0.3176



18.2789, 0.3034, 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.



57.8818, 0.2815, 0.2661



54.6023, 0.2747, 0.2529



62.1939, 0.3018, 0.2697



16.8041, 0.3009, 0.3047



4.0435, 0.1592, 0.0650



0.4159, 0.1694, 0.0707

Inverse Universe

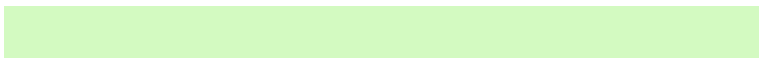
The Inverse Universe completely reimagines the original color for something new.



64.7015, 0.3234, 0.2825



62.8349, 0.3258, 0.2737



86.0905, 0.3212, 0.3911



17.4638, 0.3168, 0.3101



13.0572, 0.3768, 0.1849



1.2235, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 57.8794, 0.2815, 0.2661 looks on a white background.

Color Contrast Check

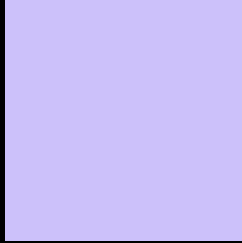
Large Text (above 18pt) WCAG AA × Fail

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 57.8794, 0.2815, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

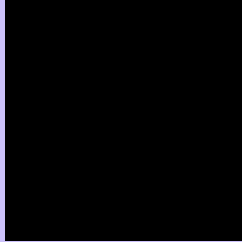
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8794, 0.2815, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 57.8794, 0.2815, 0.2661.



This preview shows how white text looks on a background with the Yxy color 57.8794, 0.2815, 0.2661.

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

57.8794, 0.2815, 0.2661

Protanopia

57.9830, 0.2673, 0.2657

Deuteranopia

57.7887, 0.2754, 0.2694



Tritanopia

57.7589, 0.3006, 0.3102

Trichromacy



Original Color

57.8794, 0.2815, 0.2661

Protanomaly

57.9092, 0.2723, 0.2652

Deuteranomaly

57.8755, 0.2781, 0.2687

Tritanomaly

57.8133, 0.2932, 0.2933

Monochromacy



Original Color

57.8794, 0.2815, 0.2661

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7107, 0.3009, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8794, 0.2815, 0.2661 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(204, 193, 250)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 250)  
}
```

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(204, 193, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 250) }
```

Border

The CSS property to change the border of an element to Yxy 57.8794, 0.2815, 0.2661 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(204, 193, 250) }
```

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

```
.border{ border-color:rgb(204, 193, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 250);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8794, 0.2815, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 250) }
```

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

```
.background{ background-color: rgb(204,  
193, 250) }
```

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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