

Converting Colors

$Y_{xy}(60.5410, 0.2575, 0.2236)$

Have a look what the booklet for
Yxy(60.5410, 0.2575, 0.2236)
contains.

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Color

Yxy(57.8915, 0.2811, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFFF
RGB	208, 191, 255
RGB Percent	82%, 75%, 100%
CMY	0.1840, 0.2511, 0.0000
CMYK	0.18, 0.25, 0.00, 0.00
HSL	256°, 100%, 87%
HSV	256°, 25%, 100%
XYZ	62.7102, 57.8915, 102.4869
YIQ	203.3790, -10.4120, 23.5080

Conversions

Conversions Part 2

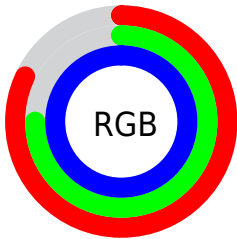
Format	Color
R _Y B	208, 191, 255
Decimal	13680639
CIE _{Lab}	80.68, 18.56, -29.32
CIE _{LCh}	81, 34.701, 302.342
Y _{xy}	57.8915, 0.2811, 0.2595
Android (android.graphics.Color)	4291870719 (0xFFD0BFFF)
YUV	203.3790, 25.4492, 4.0526
Hunter-Lab	76.0865, 13.9678, -26.6019

Details

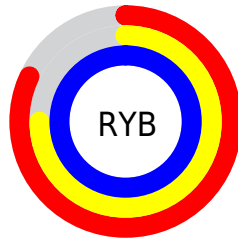
The Yxy color **57.8915, 0.2811, 0.2595** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.4407, 0.3393, 0.3944**, and the grayscale version is **59.8193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **29.0265, 0.2730, 0.2444** is the 20% darker color. If you saturate the color by 10%, you get **45.1714, 0.2655, 0.2277**, and if you desaturate by 10%, it is **72.8699, 0.2950, 0.2892**.

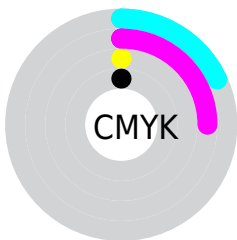
Distribution



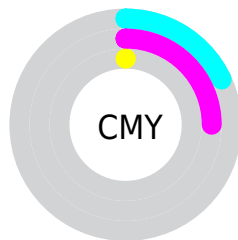
- Red (82%)
- Green (75%)
- Blue (100%)



- Red (82%)
- Yellow (75%)
- Blue (100%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8915, 0.2811, 0.2595 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 57.8915, 0.2811, 0.2595 by changing the saturation by 10% instead.


 57.8915, 0.2811,
0.2595

 57.8915, 0.2811,
0.2595


416.7815, 0.2966,
0.2914

 41.7214, 0.2774,
0.2523


 101.7648, 0.2866,
0.2705

 28.8832, 0.2728,
0.2436


130.2369, 0.2887,
0.2748

 18.9925, 0.2668,
0.2326


163.5784, 0.2905,
0.2785

 11.6649, 0.2587,
0.2185

202.1738, 0.2920,
0.2817

 6.5159, 0.2475,
0.1999

246.4074, 0.2934,
0.2846

 3.1612, 0.2310,
0.1742

296.6636, 0.2946,

 1.2165, 0.2049,

0.2871

0.1376

353.3268, 0.2956,
0.2893

0.0751, 0.1606,
0.0230

0.0000, 0.0000,
0.0000

57.8915, 0.2811,
0.2595

57.8915, 0.2811,
0.2595

45.1714, 0.2655,
0.2277

72.8699, 0.2950,
0.2892

34.5937, 0.2485,
0.1947

90.2057, 0.3072,
0.3163

26.0389, 0.2306,
0.1619

100.0000, 0.3127,
0.3290

19.3736, 0.2126,
0.1314

■ 14.4479, 0.1957,
0.1052

■ 11.0883, 0.1810,
0.0852

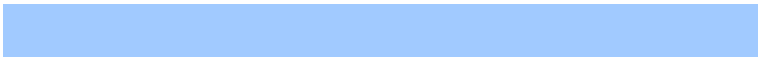
■ 9.0828, 0.1693,
0.0723

■ 8.4527, 0.1648,
0.0681

Harmonies

Analogous

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



57.8915, 0.2475, 0.2578



57.8915, 0.2811, 0.2595



57.8915, 0.3257, 0.2768

Triad

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



57.8915, 0.2811, 0.2595



57.8915, 0.4010, 0.3765



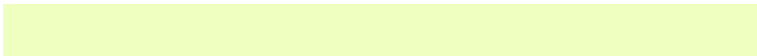
57.8915, 0.2571, 0.3510

Complementary

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



57.8915, 0.2811, 0.2595



93.4407, 0.3393, 0.3944

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.



57.8915, 0.2953, 0.3909



57.8915, 0.2811, 0.2595



57.8915, 0.3791, 0.4029

Square

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



57.8915, 0.2811, 0.2595



57.8915, 0.3978, 0.3413



57.8915, 0.3400, 0.4101



57.8915, 0.2344, 0.3069

Rectangle

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



57.8915, 0.2811, 0.2595



57.8915, 0.3559, 0.2952



57.8915, 0.3400, 0.4101



57.8915, 0.2684, 0.3657

Sweetspot

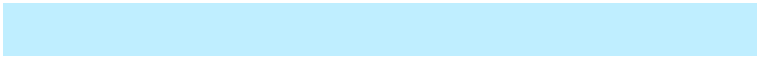
The Sweet Spot groups the original color and five complimentary colors.



57.8930, 0.2811, 0.2595



84.9416, 0.3038, 0.3087



79.4004, 0.2741, 0.3105



17.6123, 0.3020, 0.3047



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.



57.8930, 0.2811, 0.2595



51.3928, 0.2737, 0.2442



63.0081, 0.3044, 0.2641



17.6123, 0.3020, 0.3047



4.4784, 0.1661, 0.0689



0.4867, 0.1774, 0.0751

Inverse Universe

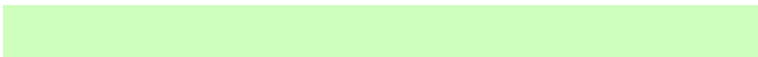
The Inverse Universe completely reimagines the original color for something new.



64.6793, 0.3283, 0.2821



59.2734, 0.3321, 0.2727



88.3905, 0.3186, 0.3989



18.2127, 0.3179, 0.3117



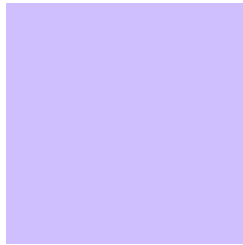
13.0073, 0.4027, 0.1992



1.2846, 0.3912, 0.1929

Previews

White Background



This preview shows how the Yxy color 57.8915, 0.2811, 0.2595 looks on a white background.

Color Contrast Check

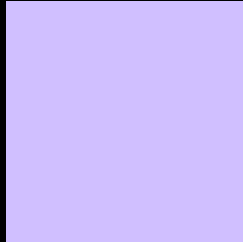
Large Text (above 18pt) WCAG AA × Fail

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 57.8915, 0.2811, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

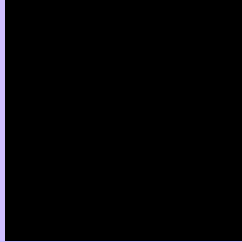
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8915, 0.2811, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 57.8915, 0.2811, 0.2595.

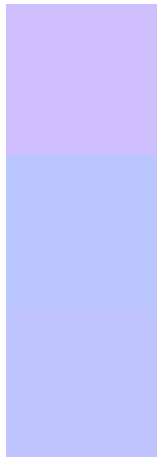


This preview shows how white text looks on a background with the Yxy color 57.8915, 0.2811, 0.2595.

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

57.8915, 0.2811, 0.2595

Protanopia

57.9225, 0.2661, 0.2646

Deuteranopia

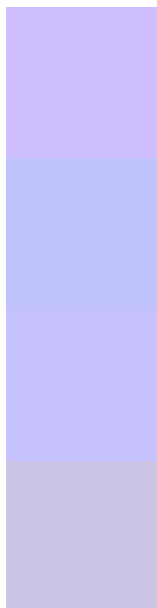
57.8421, 0.2711, 0.2641



Tritanopia

58.1194, 0.3036, 0.3114

Trichromacy



Original Color

57.8915, 0.2811, 0.2595

Protanomaly

57.5877, 0.2710, 0.2621

Deuteranomaly

57.7451, 0.2749, 0.2625

Tritanomaly

57.9744, 0.2954, 0.2914

Monochromacy



Original Color

57.8915, 0.2811, 0.2595

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0999, 0.3010, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8915, 0.2811, 0.2595 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(208, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 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(208, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.8915, 0.2811, 0.2595 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(208, 191, 255) }
```

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

```
.border{ border-color:rgb(208, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8915, 0.2811, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 255) }
```

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

```
.background{ background-color: rgb(208,  
191, 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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