

Converting Colors

$Y_{xy}(58.0815, 0.2915, 0.2714)$

Have a look what the booklet for
Yxy(58.0815, 0.2915, 0.2714)
contains.

Yxy(57.9394, 0.2918, 0.2710)	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(57.9394, 0.2918, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	D5BFF4
RGB	213, 191, 244
RGB Percent	84%, 75%, 96%
CMY	0.1649, 0.2509, 0.0432
CMYK	0.13, 0.22, 0.00, 0.04
HSL	265°, 71%, 85%
HSV	265°, 22%, 96%
XYZ	62.3864, 57.9394, 93.4727
YIQ	203.6200, -3.9010, 21.1470

Conversions

Conversions Part 2

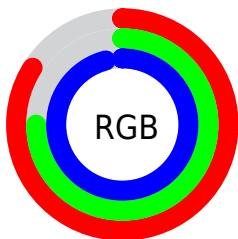
Format	Color
R _Y B	213, 191, 244
Decimal	14008308
CIE Lab	80.71, 17.70, -23.35
CIE LCh	81, 29.298, 307.163
Yxy	57.9394, 0.2918, 0.2710
Android (android.graphics.Color)	4292198388 (0xFFD5BFF4)
YUV	203.6200, 19.9073, 8.2263
Hunter-Lab	76.1179, 13.0926, -19.5255

Details

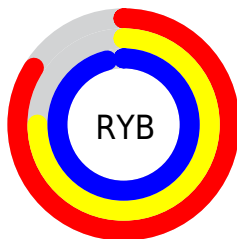
The Yxy color **57.9394, 0.2918, 0.2710** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9975, 0.3304, 0.3860**, and the grayscale version is **60.0029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **29.0769, 0.2860, 0.2577** is the 20% darker color. If you saturate the color by 10%, you get **46.1254, 0.2798, 0.2411**, and if you desaturate by 10%, it is **71.7195, 0.3023, 0.2991**.

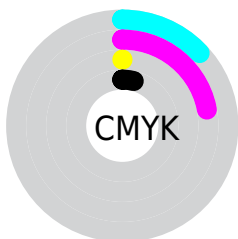
Distribution



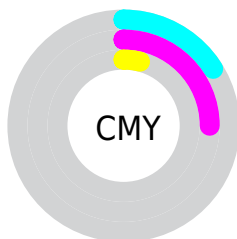
- Red (84%)
- Green (75%)
- Blue (96%)



- Red (84%)
- Yellow (75%)
- Blue (96%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)




- Cyan (16%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9394, 0.2918, 0.2710 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 57.9394, 0.2918, 0.2710 by changing the saturation by 10% instead.


 57.9394, 0.2918,
0.2710

 57.9394, 0.2918,
0.2710


416.9601, 0.3021,
0.2978

 41.7599, 0.2893,
0.2649


 101.8346, 0.2955,
0.2803

 28.9134, 0.2861,
0.2574


130.3191, 0.2969,
0.2839

 19.0153, 0.2819,
0.2480


163.6741, 0.2981,
0.2870

 11.6813, 0.2763,
0.2357

202.2840, 0.2991,
0.2897

 6.5271, 0.2683,
0.2193

246.5331, 0.3000,
0.2921

 3.1681, 0.2562,
0.1961

296.8059, 0.3008,

 1.2201, 0.2359,

0.2942

0.1616

353.4868, 0.3015,
0.2961

0.0781, 0.2013,
0.0310

0.0000, 0.0000,
0.0000

57.9394, 0.2918,
0.2710

57.9394, 0.2918,
0.2710

46.1254, 0.2798,
0.2411

71.7195, 0.3023,
0.2991

36.1776, 0.2664,
0.2101

87.5447, 0.3113,
0.3248

27.9982, 0.2519,
0.1792

99.3109, 0.3191,
0.3396

21.4774, 0.2368,
0.1498

■ 16.4922, 0.2216,
0.1238

■ 12.9023, 0.2072,
0.1027

■ 10.5392, 0.1943,
0.0876

■ 9.2960, 0.1851,
0.0793

Harmonies

Analogous

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



57.9394, 0.2609, 0.2674



57.9394, 0.2918, 0.2710



57.9394, 0.3302, 0.2878

Triad

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



57.9394, 0.2918, 0.2710



57.9394, 0.3857, 0.3744



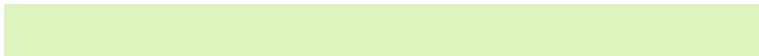
57.9394, 0.2614, 0.3416

Complementary

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



57.9394, 0.2918, 0.2710



83.9975, 0.3304, 0.3860

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.



57.9394, 0.2925, 0.3762



57.9394, 0.2918, 0.2710



57.9394, 0.3647, 0.3939

Square

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



57.9394, 0.2918, 0.2710



57.9394, 0.3864, 0.3452



57.9394, 0.3302, 0.3957



57.9394, 0.2443, 0.3055

Rectangle

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



57.9394, 0.2918, 0.2710



57.9394, 0.3549, 0.3046



57.9394, 0.3302, 0.3957



57.9394, 0.2705, 0.3540

Sweetspot

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



57.9418, 0.2918, 0.2710



87.2046, 0.3067, 0.3115



70.2810, 0.2787, 0.3053



18.4407, 0.3061, 0.3099



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.



57.9418, 0.2918, 0.2710



58.1062, 0.2868, 0.2582



62.1011, 0.3112, 0.2743



16.2616, 0.3044, 0.3050



5.1309, 0.1867, 0.0802



0.5097, 0.2006, 0.0879

Inverse Universe

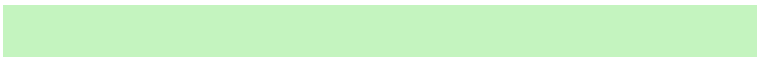
The Inverse Universe completely reimagines the original color for something new.



61.7817, 0.3318, 0.2965



63.1034, 0.3366, 0.2897



80.2359, 0.3133, 0.3891



16.6455, 0.3202, 0.3152



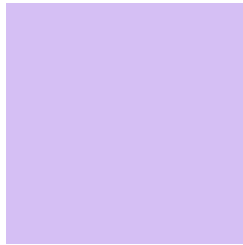
11.5645, 0.4598, 0.2307



1.0368, 0.4376, 0.2184

Previews

White Background



This preview shows how the Yxy color 57.9394, 0.2918, 0.2710 looks on a white background.

Color Contrast Check

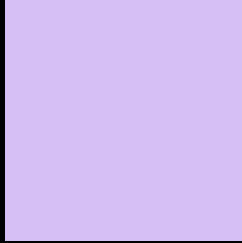
Large Text (above 18pt) WCAG AA × Fail

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 57.9394, 0.2918, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

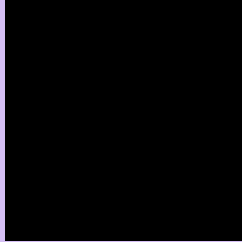
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9394, 0.2918, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 57.9394, 0.2918, 0.2710.



This preview shows how white text looks on a background with the Yxy color 57.9394, 0.2918, 0.2710.

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

57.9394, 0.2918, 0.2710

Protanopia

57.9191, 0.2716, 0.2710

Deuteranopia

58.0930, 0.2826, 0.2761



Tritanopia

58.0959, 0.3104, 0.3117

Trichromacy



Original Color

57.9394, 0.2918, 0.2710

Protanomaly

57.6159, 0.2786, 0.2706

Deuteranomaly

57.8920, 0.2861, 0.2743

Tritanomaly

58.1137, 0.3034, 0.2961

Monochromacy



Original Color

57.9394, 0.2918, 0.2710

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2267, 0.3046, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9394, 0.2918, 0.2710 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(213, 191, 244)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 244)  
}
```

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(213, 191, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 244) }
```

Border

The CSS property to change the border of an element to Yxy 57.9394, 0.2918, 0.2710 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(213, 191, 244) }
```

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

```
.border{ border-color:rgb(213, 191, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 244);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9394, 0.2918, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 244) }
```

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

```
.background{ background-color: rgb(213,  
191, 244) }
```

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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