

Converting Colors

Yxy(57.2343, 0.2883, 0.2669)

Have a look what the booklet for
Yxy(57.2343, 0.2883, 0.2669)
contains.

Yxy(57.3912, 0.2883, 0.2666)	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(57.3912, 0.2883, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	D3BEF7
RGB	211, 190, 247
RGB Percent	83%, 75%, 97%
CMY	0.1726, 0.2549, 0.0313
CMYK	0.15, 0.23, 0.00, 0.03
HSL	262°, 78%, 86%
HSV	262°, 23%, 97%
XYZ	62.0626, 57.3912, 95.8170
YIQ	202.7770, -5.7810, 22.1790

Conversions

Conversions Part 2

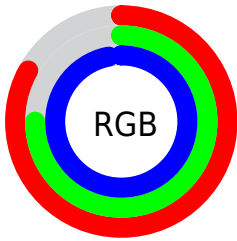
Format	Color
R _Y B	211, 190, 247
Decimal	13876983
CIE Lab	80.40, 18.26, -25.45
CIE LCh	80, 31.327, 305.664
Yxy	57.3912, 0.2883, 0.2666
Android (android.graphics.Color)	4292067063 (0xFFD3BEF7)
YUV	202.7770, 21.8019, 7.2116
Hunter-Lab	75.7570, 13.6583, -21.9598

Details

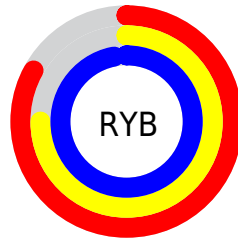
The Yxy color **57.3912, 0.2883, 0.2666** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4291, 0.3333, 0.3895**, and the grayscale version is **59.4375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **28.7208, 0.2814, 0.2521** is the 20% darker color. If you saturate the color by 10%, you get **45.3884, 0.2751, 0.2361**, and if you desaturate by 10%, it is **71.4363, 0.2999, 0.2952**.

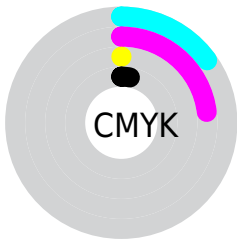
Distribution



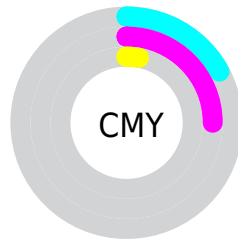
- Red (83%)
- Green (75%)
- Blue (97%)



- Red (83%)
- Yellow (75%)
- Blue (97%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)




- Cyan (17%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3912, 0.2883, 0.2666 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 57.3912, 0.2883, 0.2666 by changing the saturation by 10% instead.

 57.3912, 0.2883,
0.2666

 57.3912, 0.2883,
0.2666

414.9136, 0.3003,
0.2954

 41.3194, 0.2854,
0.2601

 101.0358, 0.2926,
0.2766

 28.5687, 0.2817,
0.2521


129.3773, 0.2943,
0.2804

 18.7548, 0.2769,
0.2420


162.5776, 0.2957,
0.2838

 11.4933, 0.2704,
0.2289

201.0210, 0.2969,
0.2867

 6.3996, 0.2612,
0.2115

245.0919, 0.2979,
0.2893

 3.0896, 0.2474,
0.1871

295.1747, 0.2988,

 1.1787, 0.2247,

0.2915

0.1512

351.6538, 0.2996,
0.2936

0.0442, 0.1846,
0.0167

0.0000, 0.0000,
0.0000

57.3912, 0.2883,
0.2666

57.3912, 0.2883,
0.2666

45.3884, 0.2751,
0.2361

71.4363, 0.2999,
0.2952

35.3228, 0.2605,
0.2044

87.6075, 0.3099,
0.3214

27.0911, 0.2449,
0.1729

99.4966, 0.3173,
0.3366

20.5767, 0.2287,
0.1432

■ 15.6492, 0.2127,
0.1171

■ 12.1589, 0.1980,
0.0964

■ 9.9250, 0.1852,
0.0820

■ 8.9327, 0.1778,
0.0753

Harmonies

Analogous

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



57.3912, 0.2561, 0.2635



57.3912, 0.2883, 0.2666



57.3912, 0.3293, 0.2839

Triad

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



57.3912, 0.2883, 0.2666



57.3912, 0.3916, 0.3759



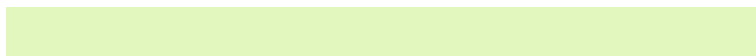
57.3912, 0.2591, 0.3445

Complementary

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



57.3912, 0.2883, 0.2666



86.4291, 0.3333, 0.3895

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.



57.3912, 0.2928, 0.3814



57.3912, 0.2883, 0.2666



57.3912, 0.3698, 0.3979

Square

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



57.3912, 0.2883, 0.2666



57.3912, 0.3912, 0.3444



57.3912, 0.3333, 0.4013



57.3912, 0.2401, 0.3053

Rectangle

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



57.3912, 0.2883, 0.2666



57.3912, 0.3561, 0.3014



57.3912, 0.3333, 0.4013



57.3912, 0.2690, 0.3578

Sweetspot

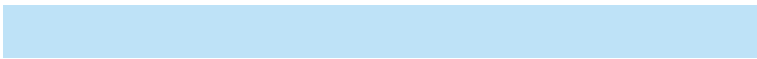
The Sweet Spot groups the original color and five complimentary colors.



57.3936, 0.2883, 0.2666



87.0573, 0.3062, 0.3114



72.1211, 0.2767, 0.3058



18.4066, 0.3056, 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.



57.3936, 0.2883, 0.2666



55.0158, 0.2820, 0.2516



61.9719, 0.3096, 0.2704



16.2234, 0.3037, 0.3049



4.7970, 0.1794, 0.0762



0.4779, 0.1932, 0.0838

Inverse Universe

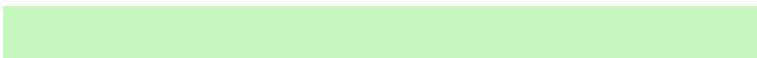
The Inverse Universe completely reimagines the original color for something new.



62.1033, 0.3312, 0.2917



61.0178, 0.3363, 0.2834



82.2047, 0.3145, 0.3932



16.6589, 0.3194, 0.3141



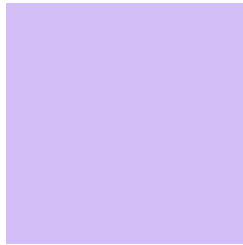
11.7586, 0.4410, 0.2203



1.0532, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 57.3912, 0.2883, 0.2666 looks on a white background.

Color Contrast Check

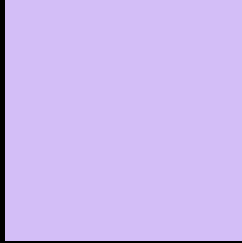
Large Text (above 18pt) WCAG AA × Fail

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 57.3912, 0.2883, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

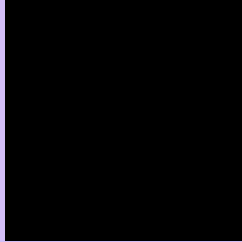
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3912, 0.2883, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 57.3912, 0.2883, 0.2666.

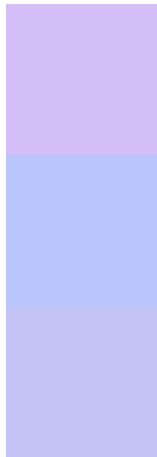


This preview shows how white text looks on a background with the Yxy color 57.3912, 0.2883, 0.2666.

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

57.3912, 0.2883, 0.2666

Protanopia

57.3999, 0.2684, 0.2666

Deuteranopia

57.2861, 0.2779, 0.2714



Tritanopia

57.2125, 0.3081, 0.3103

Trichromacy



Original Color

57.3912, 0.2883, 0.2666

Protanomaly

57.0878, 0.2753, 0.2662

Deuteranomaly

57.2113, 0.2819, 0.2698

Tritanomaly

57.2852, 0.3004, 0.2936

Monochromacy



Original Color

57.3912, 0.2883, 0.2666

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.6245, 0.3038, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3912, 0.2883, 0.2666 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(211, 190, 247)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 247)  
}
```

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(211, 190, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 247) }
```

Border

The CSS property to change the border of an element to Yxy 57.3912, 0.2883, 0.2666 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(211, 190, 247) }
```

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

```
.border{ border-color:rgb(211, 190, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 247);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3912, 0.2883, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 247) }
```

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

```
.background{ background-color: rgb(211,  
190, 247) }
```

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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