

Converting Colors

Yxy(57.4950, 0.2878, 0.2726)

Have a look what the booklet for
Yxy(57.4950, 0.2878, 0.2726)
contains.

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Color

Yxy(57.4357, 0.2881, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	CFC0F3
RGB	207, 192, 243
RGB Percent	81%, 75%, 95%
CMY	0.1885, 0.2470, 0.0471
CMYK	0.15, 0.21, 0.00, 0.05
HSL	258°, 68%, 85%
HSV	258°, 21%, 95%
XYZ	60.7461, 57.4357, 92.6688
YIQ	202.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

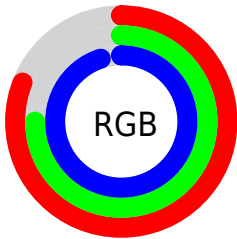
Format	Color
R _Y B	207, 192, 243
Decimal	13615347
CIE Lab	80.42, 15.07, -23.29
CIE LCh	80, 27.736, 302.906
Yxy	57.4357, 0.2881, 0.2724
Android (android.graphics.Color)	4291805427 (0xFFCFC0F3)
YUV	202.2990, 20.0656, 4.1228
Hunter-Lab	75.7863, 10.4494, -19.4473

Details

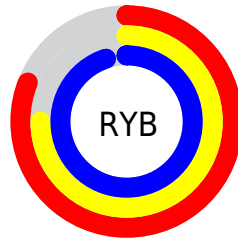
The Yxy color $57.4357, 0.2881, 0.2724$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.4066, 0.3340, 0.3832$, and the grayscale version is $59.1321, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $28.7285, 0.2812, 0.2593$ is the 20% darker color. If you saturate the color by 10%, you get $45.2908, 0.2737, 0.2417$, and if you desaturate by 10%, it is $71.6163, 0.3008, 0.3008$.

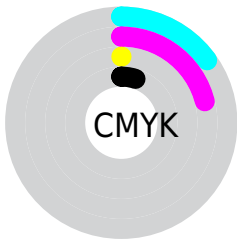
Distribution



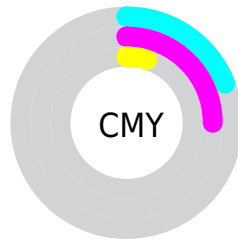
- Red (81%)
- Green (75%)
- Blue (95%)



- Red (81%)
- Yellow (75%)
- Blue (95%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4357, 0.2881, 0.2724 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 57.4357, 0.2881, 0.2724 by changing the saturation by 10% instead.

■ 57.4357, 0.2881,
0.2724

■ 57.4357, 0.2881,
0.2724

■ 415.0799, 0.3002,
0.2987

■ 41.3552, 0.2852,
0.2664

■ 101.1007, 0.2924,
0.2815

■ 28.5967, 0.2815,
0.2590

■ 129.4538, 0.2941,
0.2851

■ 18.7759, 0.2767,
0.2496

■ 162.6667, 0.2955,
0.2881

■ 11.5085, 0.2703,
0.2375

■ 201.1236, 0.2967,
0.2908

■ 6.4100, 0.2612,
0.2210

■ 245.2090, 0.2977,
0.2931

■ 3.0959, 0.2475,
0.1978

■ 295.3073, 0.2986,

■ 1.1820, 0.2248,

0.2952

0.1629

351.8028, 0.2994,
0.2970

0.0469, 0.1770,
0.0202

0.0000, 0.0000,
0.0000

57.4357, 0.2881,
0.2724

57.4357, 0.2881,
0.2724

45.2908, 0.2737,
0.2417

71.6163, 0.3008,
0.3008

35.0796, 0.2578,
0.2094

87.9141, 0.3117,
0.3266

26.7018, 0.2408,
0.1767

99.2504, 0.3197,
0.3405

20.0448, 0.2232,
0.1454

■ 14.9837, 0.2061,
0.1175

■ 11.3757, 0.1904,
0.0948

■ 9.0510, 0.1772,
0.0788

■ 7.8152, 0.1679,
0.0698

Harmonies

Analogous

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



57.4357, 0.2603, 0.2711



57.4357, 0.2881, 0.2724



57.4357, 0.3241, 0.2868

Triad

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



57.4357, 0.2881, 0.2724



57.4357, 0.3834, 0.3687



57.4357, 0.2675, 0.3461

Complementary

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



57.4357, 0.2881, 0.2724



84.4066, 0.3340, 0.3832

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.



57.4357, 0.2985, 0.3774



57.4357, 0.2881, 0.2724



57.4357, 0.3659, 0.3889

Square

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



57.4357, 0.2881, 0.2724



57.4357, 0.3810, 0.3404



57.4357, 0.3345, 0.3932



57.4357, 0.2489, 0.3113

Rectangle

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



57.4357, 0.2881, 0.2724



57.4357, 0.3481, 0.3022



57.4357, 0.3345, 0.3932



57.4357, 0.2767, 0.3576

Sweetspot

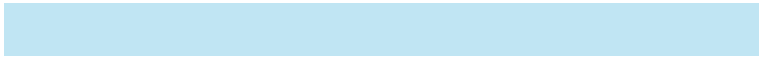
The Sweet Spot groups the original color and five complimentary colors.



57.4381, 0.2881, 0.2724



88.6289, 0.3064, 0.3140



73.4695, 0.2803, 0.3129



18.7166, 0.3057, 0.3123



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.



57.4381, 0.2881, 0.2724



58.2797, 0.2824, 0.2601



61.3275, 0.3067, 0.2755



16.1617, 0.3025, 0.3048



4.3497, 0.1693, 0.0706



0.4329, 0.1822, 0.0777

Inverse Universe

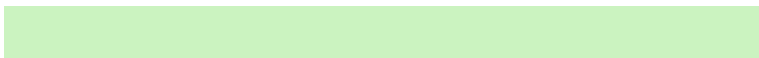
The Inverse Universe completely reimagines the original color for something new.



62.3682, 0.3263, 0.2914



64.7065, 0.3295, 0.2838



80.6073, 0.3171, 0.3861



16.6808, 0.3183, 0.3124



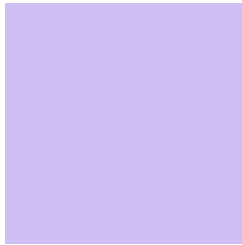
12.1144, 0.4119, 0.2043



1.0826, 0.3978, 0.1965

Previews

White Background



This preview shows how the Yxy color 57.4357, 0.2881, 0.2724 looks on a white background.

Color Contrast Check

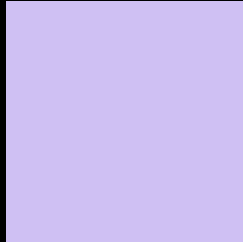
Large Text (above 18pt) WCAG AA × Fail

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 57.4357, 0.2881, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

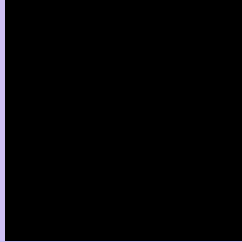
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4357, 0.2881, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 57.4357, 0.2881, 0.2724.



This preview shows how white text looks on a background with the Yxy color 57.4357, 0.2881, 0.2724.

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

57.4357, 0.2881, 0.2724

Protanopia

57.7949, 0.2728, 0.2731

Deuteranopia

57.4468, 0.2825, 0.2758



Tritanopia

57.2932, 0.3051, 0.3103

Trichromacy



Original Color

57.4357, 0.2881, 0.2724

Protanomaly

57.7358, 0.2779, 0.2725

Deuteranomaly

57.4119, 0.2845, 0.2750

Tritanomaly

57.2494, 0.2989, 0.2956

Monochromacy



Original Color

57.4357, 0.2881, 0.2724

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2353, 0.3037, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4357, 0.2881, 0.2724 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(207, 192, 243)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 243)  
}
```

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(207, 192, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 243) }
```

Border

The CSS property to change the border of an element to Yxy 57.4357, 0.2881, 0.2724 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(207, 192, 243) }
```

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

```
.border{ border-color:rgb(207, 192, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 243);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4357, 0.2881, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 243) }
```

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

```
.background{ background-color: rgb(207,  
192, 243) }
```

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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