

Converting Colors

Yxy(57.8866, 0.3090, 0.2965)

Have a look what the booklet for
Yxy(57.8866, 0.3090, 0.2965)
contains.

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Color

Yxy(57.8609, 0.3087, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1DE
RGB	215, 193, 222
RGB Percent	84%, 76%, 87%
CMY	0.1571, 0.2430, 0.1295
CMYK	0.03, 0.13, 0.00, 0.13
HSL	285°, 30%, 81%
HSV	285°, 13%, 87%
XYZ	60.2620, 57.8609, 77.0893
YIQ	202.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

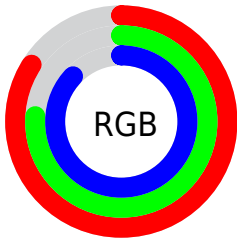
Format	Color
R _Y B	215, 193, 222
Decimal	14139870
CIE Lab	80.66, 12.90, -11.60
CIE LCh	81, 17.345, 318.039
Yxy	57.8609, 0.3087, 0.2964
Android (android.graphics.Color)	4292329950 (0xFFD7C1DE)
YUV	202.8840, 9.4242, 10.6257
Hunter-Lab	76.0664, 8.2969, -6.8409

Details

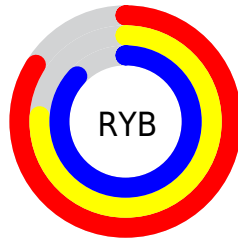
The Yxy color **57.8609, 0.3087, 0.2964** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3787, 0.3161, 0.3628**, and the grayscale version is **59.5789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.7288, 0.3073, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **47.9671, 0.3049, 0.2700**, and if you desaturate by 10%, it is **69.2600, 0.3119, 0.3216**.

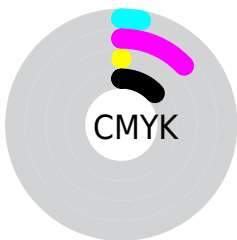
Distribution



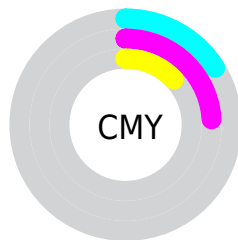
- Red (84%)
- Green (76%)
- Blue (87%)



- Red (84%)
- Yellow (76%)
- Blue (87%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)





- Cyan (16%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8609, 0.3087, 0.2964 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 57.8609, 0.3087, 0.2964 by changing the saturation by 10% instead.

 57.8609, 0.3087,
0.2964

 57.8609, 0.3087,
0.2964

416.6674, 0.3108,
0.3117

 41.6968, 0.3082,
0.2928


 101.7203, 0.3095,
0.3018

 28.8640, 0.3075,
0.2884

130.1844, 0.3098,
0.3038

 18.9779, 0.3065,
0.2827


163.5172, 0.3100,
0.3056

 11.6543, 0.3052,
0.2752

202.1033, 0.3102,
0.3072

 6.5088, 0.3033,
0.2648

246.3270, 0.3104,
0.3085

 3.1568, 0.3001,
0.2495

296.5726, 0.3105,

 1.2142, 0.2941,

0.3097

0.2249

353.2246, 0.3107,
0.3108

0.0732, 0.2852,
0.0543

0.0000, 0.0000,
0.0000

57.8609, 0.3087,
0.2964

57.8609, 0.3087,
0.2964

47.9671, 0.3049,
0.2700

69.2600, 0.3119,
0.3216

39.5053, 0.3004,
0.2432

82.2184, 0.3145,
0.3453

32.4076, 0.2953,
0.2166

93.8088, 0.3168,
0.3627

26.5972, 0.2895,
0.1914

94.7238, 0.3203,
0.3623

■ 21.9897, 0.2833,
0.1688

■ 95.6669, 0.3237,
0.3620

■ 18.4906, 0.2768,
0.1497

■ 96.6383, 0.3272,
0.3616

■ 15.9908, 0.2701,
0.1349

■ 97.6383, 0.3307,
0.3613

■ 14.3587, 0.2636,
0.1249

■ 98.0532, 0.3322,
0.3611

■ 13.5857, 0.2592,
0.1202

Harmonies

Analogous

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



57.8609, 0.2877, 0.2913



57.8609, 0.3087, 0.2964



57.8609, 0.3315, 0.3094

Triad

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



57.8609, 0.3087, 0.2964



57.8609, 0.3528, 0.3618



57.8609, 0.2770, 0.3290

Complementary

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



57.8609, 0.3087, 0.2964



68.3787, 0.3161, 0.3628

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.



57.8609, 0.2935, 0.3498



57.8609, 0.3087, 0.2964



57.8609, 0.3373, 0.3689

Square

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



57.8609, 0.3087, 0.2964



57.8609, 0.3575, 0.3464



57.8609, 0.3154, 0.3647



57.8609, 0.2700, 0.3091

Rectangle

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



57.8609, 0.3087, 0.2964



57.8609, 0.3444, 0.3210



57.8609, 0.3154, 0.3647



57.8609, 0.2816, 0.3362

Sweetspot

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



57.8634, 0.3087, 0.2964



93.1954, 0.3116, 0.3192



58.0485, 0.2922, 0.3034



19.6821, 0.3114, 0.3173



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.



57.8634, 0.3087, 0.2964



74.8371, 0.3076, 0.2884



58.5745, 0.3196, 0.3048



13.7586, 0.3099, 0.3056



8.1249, 0.2601, 0.1207



0.6039, 0.2699, 0.1261

Inverse Universe

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



57.8554, 0.3309, 0.3210



74.8440, 0.3360, 0.3191



67.7599, 0.3065, 0.3545



13.7550, 0.3254, 0.3233



9.3978, 0.5941, 0.3047



0.6655, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 57.8609, 0.3087, 0.2964 looks on a white background.

Color Contrast Check

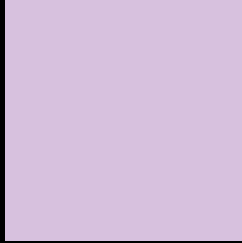
Large Text (above 18pt) WCAG AA × Fail

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 57.8609, 0.3087, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

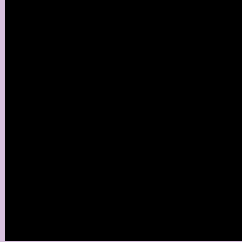
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8609, 0.3087, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 57.8609, 0.3087, 0.2964.



This preview shows how white text looks on a background with the Yxy color 57.8609, 0.3087, 0.2964.

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

57.8609, 0.3087, 0.2964

Protanopia

58.0736, 0.2917, 0.2976

Deuteranopia

58.0058, 0.3048, 0.2983



Tritanopia

57.8295, 0.3159, 0.3118

Trichromacy



Original Color

57.8609, 0.3087, 0.2964

Protanomaly

58.0653, 0.2974, 0.2968

Deuteranomaly

57.8545, 0.3064, 0.2973

Tritanomaly

57.7348, 0.3138, 0.3062

Monochromacy



Original Color

57.8609, 0.3087, 0.2964

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7654, 0.3110, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8609, 0.3087, 0.2964 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(215, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 222)  
}
```

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(215, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 222) }
```

Border

The CSS property to change the border of an element to Yxy 57.8609, 0.3087, 0.2964 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(215, 193, 222) }
```

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

```
.border{ border-color:rgb(215, 193, 222) }
```

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

Here you see how a box with a 4 pixel rgb(215, 193, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8609, 0.3087, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 222) }
```

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

```
.background{ background-color: rgb(215,  
193, 222) }
```

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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