

Converting Colors

$Y_{xy}(59.0037, 0.2910, 0.2590)$

Have a look what the booklet for
Yxy(59.0037, 0.2910, 0.2590)
contains.

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Color

Yxy(59.1448, 0.2911, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	DEBDFE
RGB	222, 189, 255
RGB Percent	87%, 74%, 100%
CMY	0.1293, 0.2588, 0.0002
CMYK	0.13, 0.26, 0.00, 0.00
HSL	270°, 100%, 87%
HSV	270°, 26%, 100%
XYZ	66.3726, 59.1448, 102.4888
YIQ	206.3910, -1.5180, 27.5220

Conversions

Conversions Part 2

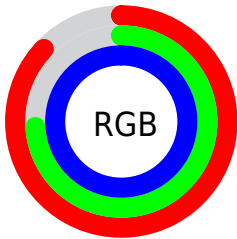
Format	Color
R _Y B	222, 189, 255
Decimal	14597631
CIE Lab	81.37, 23.89, -28.12
CIE LCh	81, 36.903, 310.348
Yxy	59.1448, 0.2911, 0.2594
Android (android.graphics.Color)	4292787711 (0xFFDEBDFF)
YUV	206.3910, 23.9642, 13.6891
Hunter-Lab	76.9057, 19.4676, -25.1792

Details

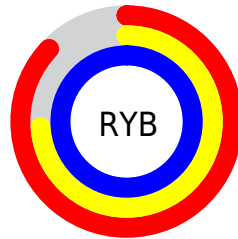
The Yxy color **59.1448, 0.2911, 0.2594** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.6852, 0.3299, 0.3988**, and the grayscale version is **61.8318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.5122, 0.2849, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **47.1909, 0.2804, 0.2297**, and if you desaturate by 10%, it is **73.1833, 0.3005, 0.2878**.

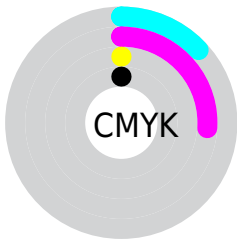
Distribution



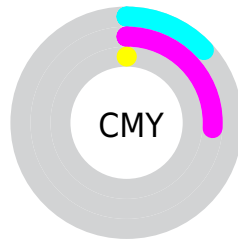
- Red (87%)
- Green (74%)
- Blue (100%)



- Red (87%)
- Yellow (74%)
- Blue (100%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1448, 0.2911, 0.2594 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 59.1448, 0.2911, 0.2594 by changing the saturation by 10% instead.


 59.1448, 0.2911,
0.2594

 59.1448, 0.2911,
0.2594

421.4383, 0.3019,
0.2910

 42.7297, 0.2885,
0.2524


 103.5881, 0.2950,
0.2702

 29.6731, 0.2851,
0.2437


132.3851, 0.2965,
0.2745

 19.5906, 0.2808,
0.2330


166.0781, 0.2977,
0.2782

 12.0978, 0.2749,
0.2193

205.0516, 0.2988,
0.2814

 6.8103, 0.2665,
0.2012

249.6900, 0.2997,
0.2842

 3.3438, 0.2540,
0.1765

300.3777, 0.3005,

 1.3137, 0.2335,

0.2868

0.1413

357.4990, 0.3013,
0.2890

0.1518, 0.2052,
0.0428

0.0000, 0.0000,
0.0000

59.1448, 0.2911,
0.2594

59.1448, 0.2911,
0.2594

47.1909, 0.2804,
0.2297

73.1833, 0.3005,
0.2878

37.2099, 0.2685,
0.1997

89.3957, 0.3086,
0.3144

29.0907, 0.2557,
0.1705

99.9973, 0.3127,
0.3290

22.7078, 0.2424,
0.1438

■ 17.9195, 0.2290,
0.1210

■ 14.5607, 0.2164,
0.1034

■ 12.4272, 0.2049,
0.0915

■ 11.7815, 0.2006,
0.0879

Harmonies

Analogous

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



59.1448, 0.2519, 0.2528



59.1448, 0.2911, 0.2594



59.1448, 0.3394, 0.2813

Triad

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



59.1448, 0.2911, 0.2594



59.1448, 0.4020, 0.3876



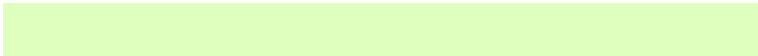
59.1448, 0.2458, 0.3393

Complementary

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



59.1448, 0.2911, 0.2594



90.6852, 0.3299, 0.3988

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.



59.1448, 0.2823, 0.3849



59.1448, 0.2911, 0.2594



59.1448, 0.3728, 0.4115

Square

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



59.1448, 0.2911, 0.2594



59.1448, 0.4063, 0.3519



59.1448, 0.3287, 0.4123



59.1448, 0.2274, 0.2946

Rectangle

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



59.1448, 0.2911, 0.2594



59.1448, 0.3699, 0.3023



59.1448, 0.3287, 0.4123



59.1448, 0.2562, 0.3553

Sweetspot

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



59.1473, 0.2911, 0.2594



85.7872, 0.3069, 0.3089



70.2677, 0.2713, 0.2926



17.8246, 0.3058, 0.3050



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.



59.1473, 0.2911, 0.2594



52.7795, 0.2858, 0.2443



64.8648, 0.3157, 0.2644



17.8246, 0.3058, 0.3050



6.2472, 0.2022, 0.0888



0.6732, 0.2145, 0.0955

Inverse Universe

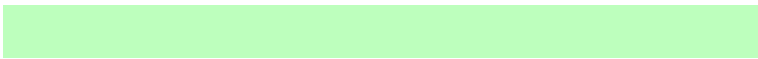
The Inverse Universe completely reimagines the original color for something new.



62.9176, 0.3410, 0.2955



57.2186, 0.3484, 0.2886



85.9860, 0.3092, 0.4034



18.1383, 0.3216, 0.3172



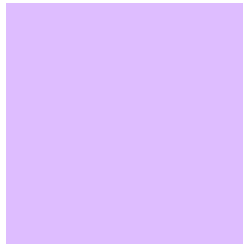
11.9437, 0.4968, 0.2510



1.1850, 0.4713, 0.2370

Previews

White Background



This preview shows how the Yxy color 59.1448, 0.2911, 0.2594 looks on a white background.

Color Contrast Check

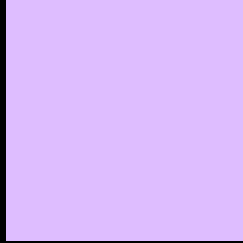
Large Text (above 18pt) WCAG AA × Fail

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 59.1448, 0.2911, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

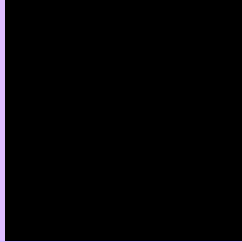
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1448, 0.2911, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 59.1448, 0.2911, 0.2594.

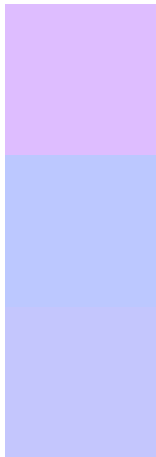


This preview shows how white text looks on a background with the Yxy color 59.1448, 0.2911, 0.2594.

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

59.1448, 0.2911, 0.2594

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.2158, 0.2745, 0.2679



Tritanopia

59.1330, 0.3159, 0.3120

Trichromacy



Original Color

59.1448, 0.2911, 0.2594

Protanomaly

58.9792, 0.2759, 0.2641

Deuteranomaly

59.1651, 0.2798, 0.2646

Tritanomaly

59.0904, 0.3067, 0.2913

Monochromacy



Original Color

59.1448, 0.2911, 0.2594

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.6874, 0.3048, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1448, 0.2911, 0.2594 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(222, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 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(222, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.1448, 0.2911, 0.2594 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(222, 189, 255) }
```

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

```
.border{ border-color:rgb(222, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1448, 0.2911, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 189, 255) }
```

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

```
.background{ background-color: rgb(222,  
189, 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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