

Converting Colors

Yxy(58.6489, 0.2986, 0.2651)

Have a look what the booklet for
Yxy(58.6489, 0.2986, 0.2651)
contains.

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Color

Yxy(58.9125, 0.2988, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	E2BCF8
RGB	226, 188, 248
RGB Percent	89%, 74%, 97%
CMY	0.1135, 0.2628, 0.0275
CMYK	0.09, 0.24, 0.00, 0.03
HSL	278°, 81%, 85%
HSV	278°, 24%, 97%
XYZ	66.3015, 58.9125, 96.6786
YIQ	206.2020, 3.3880, 26.7160

Conversions

Conversions Part 2

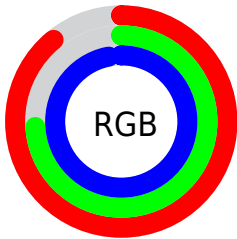
Format	Color
R _Y B	226, 188, 248
Decimal	14859512
CIE Lab	81.24, 24.28, -24.57
CIE LCh	81, 34.544, 314.666
Yxy	58.9125, 0.2988, 0.2655
Android (android.graphics.Color)	4293049592 (0xFFE2BCF8)
YUV	206.2020, 20.6064, 17.3628
Hunter-Lab	76.7545, 19.8703, -20.9525

Details

The Yxy color **58.9125, 0.2988, 0.2655** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.4531, 0.3236, 0.3949**, and the grayscale version is **61.7256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.3578, 0.2949, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **47.7873, 0.2914, 0.2373**, and if you desaturate by 10%, it is **71.9407, 0.3052, 0.2928**.

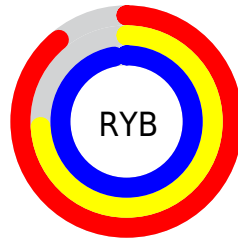
Distribution



Red (89%)

Green (74%)

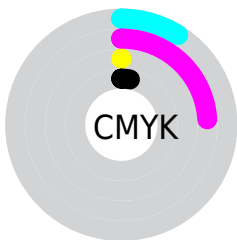
Blue (97%)



Red (89%)

Yellow (74%)

Blue (97%)

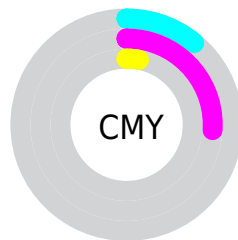


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (11%)


Magenta (26%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9125, 0.2988, 0.2655 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 58.9125, 0.2988, 0.2655 by changing the saturation by 10% instead.


 58.9125, 0.2988,
0.2655

 58.9125, 0.2988,
0.2655

420.5776, 0.3059,
0.2945

 42.5427, 0.2970,
0.2590

 103.2505, 0.3014,
0.2755

 29.5265, 0.2947,
0.2510


131.9874, 0.3024,
0.2794

 19.4794, 0.2917,
0.2411


165.6156, 0.3032,
0.2827

 12.0172, 0.2875,
0.2283

204.5193, 0.3039,
0.2857

 6.7554, 0.2815,
0.2112

249.0829, 0.3045,
0.2883

 3.3096, 0.2722,
0.1877

299.6909, 0.3051,

 1.2954, 0.2563,

0.2906

0.1534

356.7277, 0.3055,
0.2926

0.1377, 0.2380,
0.0453

0.0000, 0.0000,
0.0000

58.9125, 0.2988,
0.2655

58.9125, 0.2988,
0.2655

47.7873, 0.2914,
0.2373

71.9407, 0.3052,
0.2928

38.4632, 0.2830,
0.2090

86.9519, 0.3107,
0.3187

30.8403, 0.2738,
0.1819

99.2279, 0.3157,
0.3357

24.8055, 0.2640,
0.1571

99.5570, 0.3168,
0.3357

■ 20.2316, 0.2539,
0.1360

■ 16.9710, 0.2440,
0.1197

■ 14.8435, 0.2346,
0.1084

■ 13.9768, 0.2294,
0.1037

Harmonies

Analogous

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



58.9125, 0.2600, 0.2571



58.9125, 0.2988, 0.2655



58.9125, 0.3443, 0.2880

Triad

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



58.9125, 0.2988, 0.2655



58.9125, 0.3939, 0.3885



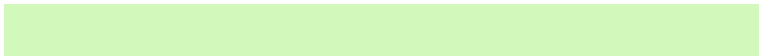
58.9125, 0.2462, 0.3323

Complementary

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



58.9125, 0.2988, 0.2655



84.4531, 0.3236, 0.3949

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.



58.9125, 0.2785, 0.3757



58.9125, 0.2988, 0.2655



58.9125, 0.3640, 0.4080

Square

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



58.9125, 0.2988, 0.2655



58.9125, 0.4015, 0.3561



58.9125, 0.3215, 0.4046



58.9125, 0.2314, 0.2918

Rectangle

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



58.9125, 0.2988, 0.2655



58.9125, 0.3718, 0.3087



58.9125, 0.3215, 0.4046



58.9125, 0.2552, 0.3473

Sweetspot

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



58.9150, 0.2988, 0.2655



87.9183, 0.3093, 0.3116



63.5548, 0.2733, 0.2861



18.6060, 0.3089, 0.3101



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.



58.9150, 0.2988, 0.2655



56.7755, 0.2953, 0.2519



62.2072, 0.3215, 0.2762



17.1888, 0.3079, 0.3052



7.6328, 0.2308, 0.1045



0.7669, 0.2415, 0.1104

Inverse Universe

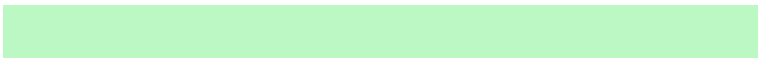
The Inverse Universe completely reimagines the original color for something new.



60.5659, 0.3452, 0.3060



58.8866, 0.3538, 0.3012



81.8063, 0.3050, 0.3883



17.3301, 0.3236, 0.3204



11.2101, 0.5520, 0.2814



1.0579, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 58.9125, 0.2988, 0.2655 looks on a white background.

Color Contrast Check

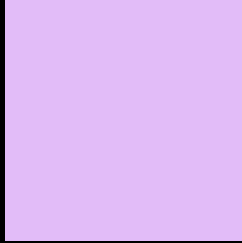
Large Text (above 18pt) WCAG AA × Fail

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 58.9125, 0.2988, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

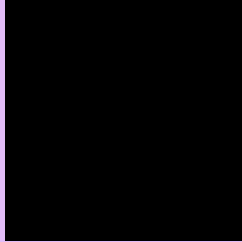
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9125, 0.2988, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 58.9125, 0.2988, 0.2655.

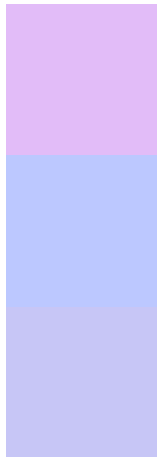


This preview shows how white text looks on a background with the Yxy color 58.9125, 0.2988, 0.2655.

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

58.9125, 0.2988, 0.2655

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.1841, 0.2809, 0.2753



Tritanopia

58.8990, 0.3215, 0.3121

Trichromacy



Original Color

58.9125, 0.2988, 0.2655

Protanomaly

59.0647, 0.2791, 0.2673

Deuteranomaly

58.8543, 0.2870, 0.2708

Tritanomaly

58.6107, 0.3128, 0.2937

Monochromacy



Original Color

58.9125, 0.2988, 0.2655

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.2134, 0.3077, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9125, 0.2988, 0.2655 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(226, 188, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 248)  
}
```

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(226, 188, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 248) }
```

Border

The CSS property to change the border of an element to Yxy 58.9125, 0.2988, 0.2655 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(226, 188, 248) }
```

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

```
.border{ border-color:rgb(226, 188, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9125, 0.2988, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 248) }
```

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

```
.background{ background-color: rgb(226,  
188, 248) }
```

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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