

Converting Colors

Yxy(51.8658, 0.3087, 0.2683)

Have a look what the booklet for
Yxy(51.8658, 0.3087, 0.2683)
contains.

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Color

Yxy(51.9027, 0.3089, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	DEAFE6
RGB	222, 175, 230
RGB Percent	87%, 69%, 90%
CMY	0.1295, 0.3137, 0.0980
CMYK	0.03, 0.24, 0.00, 0.10
HSL	291°, 52%, 79%
HSV	291°, 24%, 90%
XYZ	59.7345, 51.9027, 81.7410
YIQ	195.3230, 10.3570, 27.0690

Conversions

Conversions Part 2

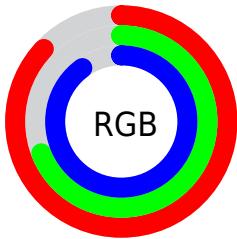
Format	Color
R _Y B	222, 175, 230
Decimal	14594022
CIE Lab	77.22, 26.46, -21.04
CIE LCh	77, 33.809, 321.510
Yxy	51.9027, 0.3089, 0.2684
Android (android.graphics.Color)	4292784102 (0xFFDEAFE6)
YUV	195.3230, 17.0958, 23.3957
Hunter-Lab	72.0435, 21.9262, -16.8403

Details

The Yxy color **51.9027, 0.3089, 0.2684** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.7678, 0.3150, 0.3954**, and the grayscale version is **54.6682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.0821, 0.3073, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **43.1756, 0.3066, 0.2424**, and if you desaturate by 10%, it is **62.1697, 0.3108, 0.2943**.

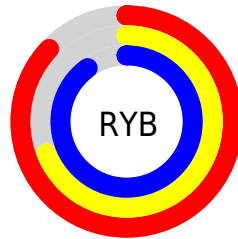
Distribution



Red (87%)

Green (69%)

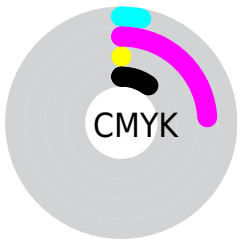
Blue (90%)



Red (87%)

Yellow (69%)

Blue (90%)

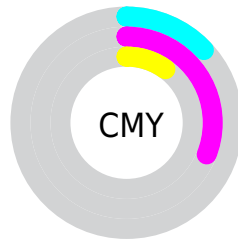


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (13%)


Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9027, 0.3089, 0.2684 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 51.9027, 0.3089, 0.2684 by changing the saturation by 10% instead.


 51.9027, 0.3089,
0.2684

 51.9027, 0.3089,
0.2684


394.0609, 0.3113,
0.2967

 36.9275, 0.3082,
0.2619


 92.9877, 0.3099,
0.2783

 25.1514, 0.3072,
0.2539


119.8664, 0.3102,
0.2821

 16.1899, 0.3058,
0.2437


151.4816, 0.3105,
0.2854

 9.6586, 0.3038,
0.2303

188.2179, 0.3107,
0.2882

 5.1732, 0.3005,
0.2122

230.4595, 0.3109,
0.2907

 2.3492, 0.2947,
0.1864

278.5910, 0.3111,

 0.7996, 0.2832,

0.2929

0.1469

332.9966, 0.3112,
0.2949

0.0000, 0.2358,
0.0000

0.0000, 0.0000,
0.0000

51.9027, 0.3089,
0.2684

51.9027, 0.3089,
0.2684

43.1756, 0.3066,
0.2424

62.1697, 0.3108,
0.2943

35.9045, 0.3039,
0.2172

74.0419, 0.3122,
0.3195

30.0075, 0.3008,
0.1939

87.5886, 0.3134,
0.3434

25.3920, 0.2974,
0.1734

94.9663, 0.3149,
0.3541

■ 21.9536, 0.2937,
0.1568

■ 95.5445, 0.3170,
0.3540

■ 19.5719, 0.2899,
0.1445

■ 96.1335, 0.3191,
0.3538

■ 18.0999, 0.2861,
0.1368

■ 96.7334, 0.3213,
0.3537

■ 17.5091, 0.2838,
0.1337

■ 97.3443, 0.3234,
0.3535

■ 97.9661, 0.3256,
0.3533

Harmonies

Analogous

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



51.9027, 0.2668, 0.2562



51.9027, 0.3089, 0.2684



51.9027, 0.3552, 0.2940

Triad

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



51.9027, 0.3089, 0.2684



51.9027, 0.3903, 0.3957



51.9027, 0.2397, 0.3221

Complementary

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



51.9027, 0.3089, 0.2684



69.7678, 0.3150, 0.3954

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.



51.9027, 0.2690, 0.3673



51.9027, 0.3089, 0.2684



51.9027, 0.3558, 0.4112

Square

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



51.9027, 0.3089, 0.2684



51.9027, 0.4039, 0.3646



51.9027, 0.3112, 0.4017



51.9027, 0.2292, 0.2834

Rectangle

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



51.9027, 0.3089, 0.2684



51.9027, 0.3811, 0.3162



51.9027, 0.3112, 0.4017



51.9027, 0.2475, 0.3372

Sweetspot

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



51.9049, 0.3089, 0.2684



88.6445, 0.3118, 0.3117



48.8035, 0.2728, 0.2719



18.7745, 0.3117, 0.3102



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.



51.9049, 0.3089, 0.2684



59.5583, 0.3078, 0.2547



52.1801, 0.3311, 0.2894



14.5031, 0.3115, 0.3057



9.9533, 0.2844, 0.1340



0.7647, 0.2900, 0.1371

Inverse Universe

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



50.9093, 0.3553, 0.3200



58.1269, 0.3679, 0.3179



69.6223, 0.2980, 0.3722



14.4021, 0.3270, 0.3256



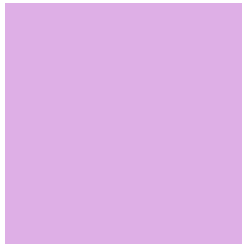
9.5990, 0.6198, 0.3188



0.7201, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 51.9027, 0.3089, 0.2684 looks on a white background.

Color Contrast Check

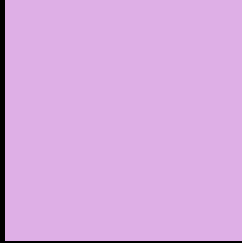
Large Text (above 18pt) WCAG AA × Fail

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 51.9027, 0.3089, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

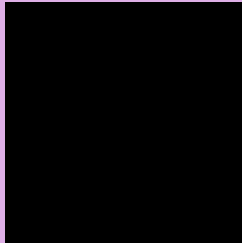
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9027, 0.3089, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 51.9027, 0.3089, 0.2684.



This preview shows how white text looks on a background with the Yxy color 51.9027, 0.3089, 0.2684.

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

51.9027, 0.3089, 0.2684

Protanopia

52.2702, 0.2699, 0.2687

Deuteranopia

52.2185, 0.2861, 0.2805



Tritanopia

51.7396, 0.3324, 0.3127

Trichromacy



Original Color

51.9027, 0.3089, 0.2684

Protanomaly

51.9392, 0.2835, 0.2688

Deuteranomaly

52.0807, 0.2937, 0.2759

Tritanomaly

51.8543, 0.3236, 0.2959

Monochromacy



Original Color

51.9027, 0.3089, 0.2684

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4996, 0.3114, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9027, 0.3089, 0.2684 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, 175, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 230)  
}
```

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, 175, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 230) }
```

Border

The CSS property to change the border of an element to Yxy 51.9027, 0.3089, 0.2684 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, 175, 230) }
```

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

```
.border{ border-color:rgb(222, 175, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 175, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9027, 0.3089, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 230) }
```

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

```
.background{ background-color: rgb(222,  
175, 230) }
```

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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