

Converting Colors

$Yxy(51.5891, 0.3017, 0.2692)$

Have a look what the booklet for
Yxy(51.5891, 0.3017, 0.2692)
contains.

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Color

Yxy(51.5099, 0.3016, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1E7
RGB	214, 177, 231
RGB Percent	84%, 69%, 91%
CMY	0.1608, 0.3059, 0.0940
CMYK	0.07, 0.23, 0.00, 0.09
HSL	281°, 53%, 80%
HSV	281°, 23%, 91%
XYZ	57.8815, 51.5099, 82.5233
YIQ	194.2190, 4.7180, 24.6380

Conversions

Conversions Part 2

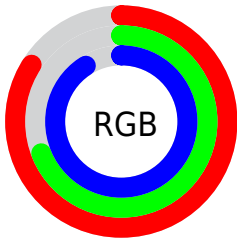
Format	Color
RYB	214, 177, 231
Decimal	14070247
CIELab	76.99, 23.00, -22.03
CIELCh	77, 31.849, 316.244
Yxy	51.5099, 0.3016, 0.2684
Android (android.graphics.Color)	4292260327 (0xFFD6B1E7)
YUV	194.2190, 18.1330, 17.3479
Hunter-Lab	71.7704, 18.3587, -17.9338

Details

The Yxy color **51.5099, 0.3016, 0.2684** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.8246, 0.3213, 0.3926**, and the grayscale version is **53.9755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **24.8814, 0.2986, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **42.0727, 0.2954, 0.2408**, and if you desaturate by 10%, it is **62.5456, 0.3069, 0.2953**.

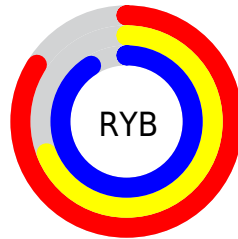
Distribution



Red (84%)

Green (69%)

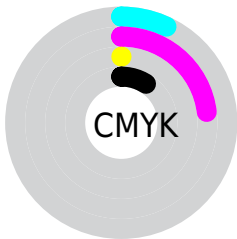
Blue (91%)



Red (84%)

Yellow (69%)

Blue (91%)

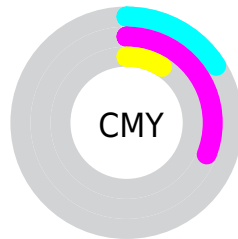


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (16%)


Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5099, 0.3016, 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 51.5099, 0.3016, 0.2684 by changing the saturation by 10% instead.


 51.5099, 0.3016,
0.2684

 51.5099, 0.3016,
0.2684

392.5416, 0.3075,
0.2968

 36.6146, 0.3001,
0.2619


 92.4080, 0.3038,
0.2783

 24.9092, 0.2980,
0.2537


119.1797, 0.3046,
0.2821

 16.0094, 0.2953,
0.2434


150.6788, 0.3053,
0.2854

 9.5308, 0.2915,
0.2299

187.2899, 0.3059,
0.2883

 5.0890, 0.2856,
0.2116

229.3973, 0.3064,
0.2908

 2.2996, 0.2761,
0.1853

277.3855, 0.3068,

 0.7735, 0.2587,

0.2931

0.1446

331.6388, 0.3072,
0.2950

0.0000, 0.1701,
0.0000

0.0000, 0.0000,
0.0000

51.5099, 0.3016,
0.2684

51.5099, 0.3016,
0.2684

42.0727, 0.2954,
0.2408

62.5456, 0.3069,
0.2953

34.1490, 0.2884,
0.2133

75.2462, 0.3114,
0.3207

27.6559, 0.2807,
0.1869

89.6822, 0.3151,
0.3445

22.4995, 0.2724,
0.1629

96.3722, 0.3192,
0.3527

■ 18.5746, 0.2638,
0.1425

■ 97.6955, 0.3238,
0.3524

■ 15.7596, 0.2551,
0.1266

■ 98.5519, 0.3267,
0.3522

■ 13.9072, 0.2468,
0.1155

■ 13.0592, 0.2415,
0.1104

Harmonies

Analogous

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



51.5099, 0.2635, 0.2595



51.5099, 0.3016, 0.2684



51.5099, 0.3455, 0.2908

Triad

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



51.5099, 0.3016, 0.2684



51.5099, 0.3900, 0.3879



51.5099, 0.2473, 0.3301

Complementary

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



51.5099, 0.3016, 0.2684



71.8246, 0.3213, 0.3926

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.



51.5099, 0.2778, 0.3719



51.5099, 0.3016, 0.2684



51.5099, 0.3604, 0.4056

Square

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



51.5099, 0.3016, 0.2684



51.5099, 0.3985, 0.3571



51.5099, 0.3191, 0.4008



51.5099, 0.2339, 0.2915

Rectangle

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



51.5099, 0.3016, 0.2684



51.5099, 0.3715, 0.3112



51.5099, 0.3191, 0.4008



51.5099, 0.2557, 0.3444

Sweetspot

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



51.5121, 0.3016, 0.2684



88.0832, 0.3098, 0.3116



53.7530, 0.2746, 0.2846



18.6442, 0.3096, 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.



51.5121, 0.3016, 0.2684



58.5717, 0.2988, 0.2553



53.6677, 0.3233, 0.2809



14.3754, 0.3088, 0.3055



7.3872, 0.2428, 0.1111



0.5949, 0.2544, 0.1175

Inverse Universe

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



52.3371, 0.3461, 0.3099



59.8370, 0.3550, 0.3058



70.1063, 0.3037, 0.3824



14.4425, 0.3243, 0.3216



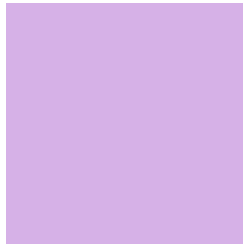
9.8126, 0.5701, 0.2914



0.7415, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 51.5099, 0.3016, 0.2684 looks on a white background.

Color Contrast Check

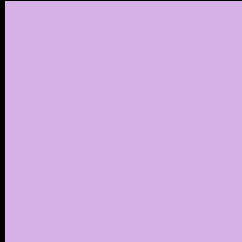
Large Text (above 18pt) WCAG AA × Fail

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 51.5099, 0.3016, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

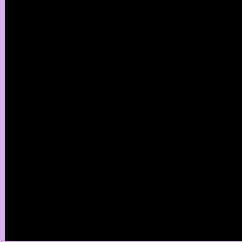
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5099, 0.3016, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 51.5099, 0.3016, 0.2684.



This preview shows how white text looks on a background with the Yxy color 51.5099, 0.3016, 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

51.5099, 0.3016, 0.2684

Protanopia

51.6634, 0.2698, 0.2684

Deuteranopia

51.5938, 0.2839, 0.2780



Tritanopia

51.4535, 0.3236, 0.3124

Trichromacy



Original Color

51.5099, 0.3016, 0.2684

Protanomaly

51.4135, 0.2806, 0.2683

Deuteranomaly

51.5859, 0.2899, 0.2743

Tritanomaly

51.5001, 0.3159, 0.2964

Monochromacy



Original Color

51.5099, 0.3016, 0.2684

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8889, 0.3089, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5099, 0.3016, 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(214, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 231)  
}
```

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(214, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 231) }
```

Border

The CSS property to change the border of an element to Yxy 51.5099, 0.3016, 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(214, 177, 231) }
```

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

```
.border{ border-color:rgb(214, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5099, 0.3016, 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(214, 177, 231) }
```

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

```
.background{ background-color: rgb(214,  
177, 231) }
```

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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