

Converting Colors

$Y_{xy}(47.1953, 0.3055, 0.2659)$

Have a look what the booklet for
Yxy(47.1953, 0.3055, 0.2659)
contains.

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Color

Yxy(47.1819, 0.3054, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	D3A8DF
RGB	211, 168, 223
RGB Percent	83%, 66%, 87%
CMY	0.1725, 0.3412, 0.1254
CMYK	0.05, 0.25, 0.00, 0.13
HSL	287°, 46%, 77%
HSV	287°, 25%, 87%
XYZ	54.1909, 47.1819, 76.0695
YIQ	187.1270, 7.9730, 26.2210

Conversions

Conversions Part 2

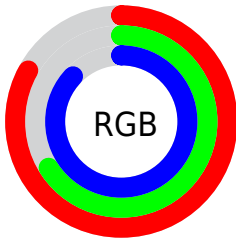
Format	Color
R_{YB}	211, 168, 223
Decimal	13871327
CIE _{Lab}	74.31, 25.35, -21.77
CIE _{LCh}	74, 33.414, 319.354
Yxy	47.1819, 0.3054, 0.2659
Android (android.graphics.Color)	4292061407 (0xFFD3A8DF)
YUV	187.1270, 17.6854, 20.9366
Hunter-Lab	68.6891, 20.6181, -17.5782

Details

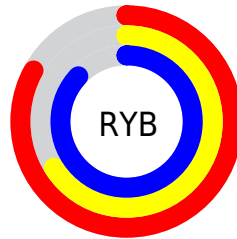
The Yxy color $47.1819, 0.3054, 0.2659$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $65.3095, 0.3178, 0.3971$, and the grayscale version is $49.6665, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $22.3859, 0.3024, 0.2505$ is the 20% darker color. If you saturate the color by 10%, you get $38.9368, 0.3014, 0.2393$, and if you desaturate by 10%, it is $56.8647, 0.3088, 0.2923$.

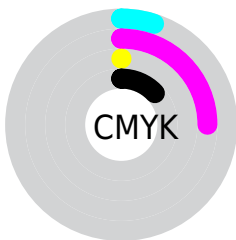
Distribution



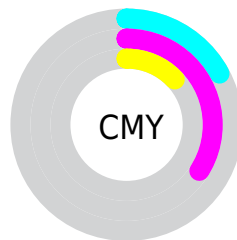
- Red (83%)
- Green (66%)
- Blue (87%)



- Red (83%)
- Yellow (66%)
- Blue (87%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)





- Cyan (17%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1819, 0.3054, 0.2659 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 47.1819, 0.3054, 0.2659 by changing the saturation by 10% instead.


 47.1819, 0.3054,
0.2659

 47.1819, 0.3054,
0.2659


375.5401, 0.3096,
0.2958

 33.1795, 0.3042,
0.2589


 85.9851, 0.3070,
0.2764

 22.2640, 0.3026,
0.2502


 111.5546, 0.3076,
0.2805

 14.0510, 0.3005,
0.2391


141.7487, 0.3081,
0.2839

 8.1561, 0.2972,
0.2244

176.9516, 0.3085,
0.2869

 4.1950, 0.2921,
0.2042

217.5478, 0.3088,
0.2896

 1.7832, 0.2832,
0.1750

263.9217, 0.3091,

 0.4767, 0.2693,

0.2919

0.1174

316.4577, 0.3094,
0.2940

0.0000, 0.0231,
0.0000

0.0000, 0.0000,
0.0000

47.1819, 0.3054,
0.2659

47.1819, 0.3054,
0.2659

38.9368, 0.3014,
0.2393

56.8647, 0.3088,
0.2923

32.0512, 0.2968,
0.2132

68.0463, 0.3116,
0.3176

26.4484, 0.2917,
0.1888

80.7915, 0.3139,
0.3416

22.0418, 0.2862,
0.1672

93.7478, 0.3158,
0.3617

■ 18.7337, 0.2804,
0.1493

■ 94.5653, 0.3189,
0.3614

■ 16.4110, 0.2745,
0.1358

■ 95.4055, 0.3220,
0.3611

■ 14.9354, 0.2687,
0.1271

■ 96.2685, 0.3251,
0.3608

■ 14.3737, 0.2656,
0.1237

■ 97.1544, 0.3282,
0.3605

■ 98.0635, 0.3314,
0.3601

Harmonies

Analogous

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



47.1819, 0.2633, 0.2546



47.1819, 0.3054, 0.2659



47.1819, 0.3528, 0.2911

Triad

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



47.1819, 0.3054, 0.2659



47.1819, 0.3936, 0.3950



47.1819, 0.2398, 0.3251

Complementary

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



47.1819, 0.3054, 0.2659



65.3095, 0.3178, 0.3971

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.



47.1819, 0.2708, 0.3712



47.1819, 0.3054, 0.2659



47.1819, 0.3596, 0.4125

Square

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



47.1819, 0.3054, 0.2659



47.1819, 0.4057, 0.3626



47.1819, 0.3145, 0.4049



47.1819, 0.2277, 0.2848

Rectangle

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



47.1819, 0.3054, 0.2659



47.1819, 0.3800, 0.3133



47.1819, 0.3145, 0.4049



47.1819, 0.2483, 0.3406

Sweetspot

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



47.1839, 0.3054, 0.2659



88.4049, 0.3110, 0.3117



46.6324, 0.2720, 0.2759



18.7188, 0.3108, 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.



47.1839, 0.3054, 0.2659



57.4940, 0.3033, 0.2511



48.2642, 0.3279, 0.2833



13.7771, 0.3103, 0.3057



8.5021, 0.2665, 0.1242



0.6271, 0.2753, 0.1290

Inverse Universe

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



46.9881, 0.3532, 0.3151



57.2481, 0.3656, 0.3118



64.5103, 0.3004, 0.3796



13.7492, 0.3258, 0.3239



9.3665, 0.6018, 0.3089



0.6625, 0.5587, 0.2851

Previews

White Background



This preview shows how the Yxy color 47.1819, 0.3054, 0.2659 looks on a white background.

Color Contrast Check

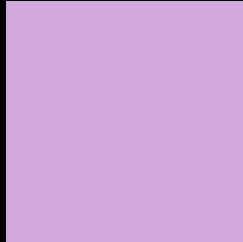
Large Text (above 18pt) WCAG AA × Fail

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 47.1819, 0.3054, 0.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

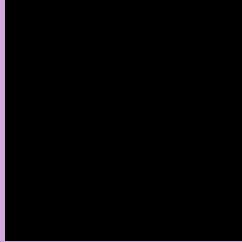
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1819, 0.3054, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 47.1819, 0.3054, 0.2659.



This preview shows how white text looks on a background with the Yxy color 47.1819, 0.3054, 0.2659.

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

47.1819, 0.3054, 0.2659

Protanopia

47.4200, 0.2677, 0.2663

Deuteranopia

47.4057, 0.2836, 0.2774



Tritanopia

47.0248, 0.3295, 0.3120

Trichromacy



Original Color

47.1819, 0.3054, 0.2659

Protanomaly

47.0221, 0.2802, 0.2652

Deuteranomaly

47.2713, 0.2914, 0.2727

Tritanomaly

47.1320, 0.3205, 0.2944

Monochromacy



Original Color

47.1819, 0.3054, 0.2659

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5484, 0.3105, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1819, 0.3054, 0.2659 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(211, 168, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 168, 223)  
}
```

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(211, 168, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 168, 223) }
```

Border

The CSS property to change the border of an element to Yxy 47.1819, 0.3054, 0.2659 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(211, 168, 223) }
```

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

```
.border{ border-color:rgb(211, 168, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 168, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 168, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 168, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 168,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1819, 0.3054, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 168, 223) }
```

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

```
.background{ background-color: rgb(211,  
168, 223) }
```

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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