

Converting Colors

$Y_{xy}(44.1901, 0.2670, 0.2341)$

Have a look what the booklet for
Yxy(44.1901, 0.2670, 0.2341)
contains.

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Color

Yxy(44.3021, 0.2674, 0.2349)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6F7
RGB	185, 166, 247
RGB Percent	73%, 65%, 97%
CMY	0.2744, 0.3490, 0.0315
CMYK	0.25, 0.33, 0.00, 0.03
HSL	254°, 83%, 81%
HSV	254°, 33%, 97%
XYZ	50.4316, 44.3021, 93.8661
YIQ	180.9150, -14.6770, 29.2190

Conversions

Conversions Part 2

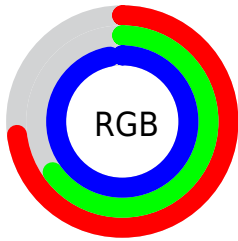
Format	Color
RYB	185, 166, 247
Decimal	12166903
CIELab	72.43, 23.62, -37.88
CIELCh	72, 44.643, 301.946
Yxy	44.3021, 0.2674, 0.2349
Android (android.graphics.Color)	4290356983 (0xFFB9A6F7)
YUV	180.9150, 32.5799, 3.5825
Hunter-Lab	66.5598, 18.7677, -37.0220

Details

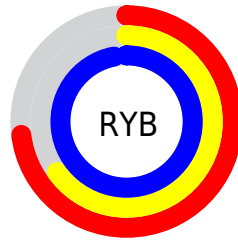
The Yxy color $44.3021, 0.2674, 0.2349$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $85.7453, 0.3489, 0.4149$, and the grayscale version is $45.9887, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8101, 0.3053, 0.2951$, and $20.4982, 0.2543, 0.2126$ is the 20% darker color. If you saturate the color by 10%, you get $33.9739, 0.2500, 0.2018$, and if you desaturate by 10%, it is $56.6702, 0.2832, 0.2665$.

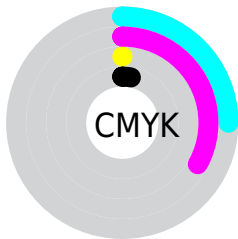
Distribution



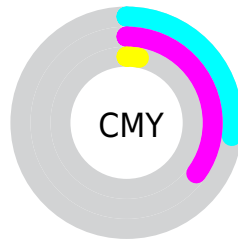
- Red (73%)
- Green (65%)
- Blue (97%)



- Red (73%)
- Yellow (65%)
- Blue (97%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3021, 0.2674, 0.2349 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 44.3021, 0.2674, 0.2349 by changing the saturation by 10% instead.

44.3021, 0.2674,
0.2349

44.3021, 0.2674,
0.2349

363.9396, 0.2904,
0.2791

30.9081, 0.2617,
0.2248

81.6721, 0.2758,
0.2503

20.5289, 0.2544,
0.2124

106.4169, 0.2789,
0.2562

12.7801, 0.2448,
0.1968

135.7141, 0.2816,
0.2614

7.2773, 0.2318,
0.1768

169.9481, 0.2839,
0.2658

3.6361, 0.2134,
0.1505

209.5032, 0.2858,
0.2697

1.4722, 0.1858,
0.1152

254.7639, 0.2876,

0.2690, 0.1460,

0.2732

0.0472

306.1146, 0.2891,
0.2763

0.0000, 0.0000,
0.0000

44.3021, 0.2674,
0.2349

44.3021, 0.2674,
0.2349

33.9739, 0.2500,
0.2018

56.6702, 0.2832,
0.2665

25.5690, 0.2317,
0.1684

71.1756, 0.2973,
0.2957

18.9672, 0.2132,
0.1368

87.9158, 0.3096,
0.3222

14.0320, 0.1957,
0.1092

99.4937, 0.3174,
0.3367

10.6070, 0.1804,
0.0874

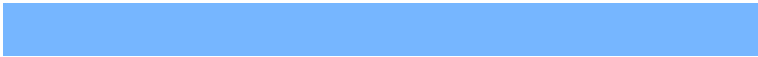
■ 8.5042, 0.1683,
0.0729

■ 7.6133, 0.1617,
0.0664

Harmonies

Analogous

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



44.3021, 0.2230, 0.2318



44.3021, 0.2674, 0.2349



44.3021, 0.3290, 0.2577

Triad

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



44.3021, 0.2674, 0.2349



44.3021, 0.4360, 0.3906



44.3021, 0.2357, 0.3602

Complementary

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



44.3021, 0.2674, 0.2349



85.7453, 0.3489, 0.4149

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.



44.3021, 0.2875, 0.4196



44.3021, 0.2674, 0.2349



44.3021, 0.4040, 0.4302

Square

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



44.3021, 0.2674, 0.2349



44.3021, 0.4325, 0.3425



44.3021, 0.3492, 0.4451



44.3021, 0.2059, 0.2966

Rectangle

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



44.3021, 0.2674, 0.2349



44.3021, 0.3722, 0.2817



44.3021, 0.3492, 0.4451



44.3021, 0.2509, 0.3821

Sweetspot

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



44.3039, 0.2674, 0.2349



81.2812, 0.3009, 0.3033



70.3518, 0.2632, 0.3072



16.8767, 0.2991, 0.2995



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.



44.3039, 0.2674, 0.2349



40.4186, 0.2566, 0.2142



50.0561, 0.2989, 0.2429



16.1145, 0.3016, 0.3048



4.0808, 0.1629, 0.0671



0.4037, 0.1748, 0.0737

Inverse Universe

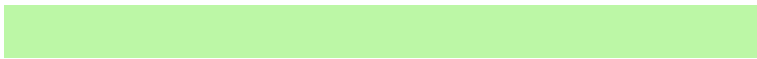
The Inverse Universe completely reimagines the original color for something new.



52.6419, 0.3321, 0.2650



50.6922, 0.3369, 0.2527



79.8982, 0.3216, 0.4228



16.6978, 0.3174, 0.3111



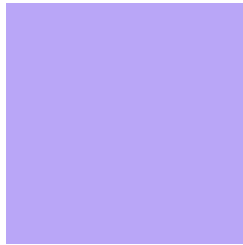
12.4239, 0.3910, 0.1927



1.1077, 0.3803, 0.1869

Previews

White Background



This preview shows how the Yxy color 44.3021, 0.2674, 0.2349 looks on a white background.

Color Contrast Check

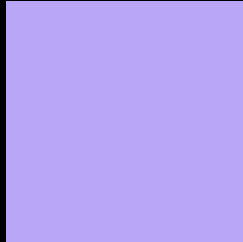
Large Text (above 18pt) WCAG AA × Fail

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 44.3021, 0.2674, 0.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

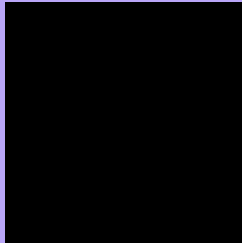
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3021, 0.2674, 0.2349

Background



This preview shows how black text looks on a background with the Yxy color 44.3021, 0.2674, 0.2349.



This preview shows how white text looks on a background with the Yxy color 44.3021, 0.2674, 0.2349.

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

44.3021, 0.2674, 0.2349

Protanopia

44.4911, 0.2423, 0.2335

Deuteranopia

44.3204, 0.2496, 0.2430



Tritanopia

44.2045, 0.2991, 0.3105

Trichromacy



Original Color

44.3021, 0.2674, 0.2349

Protanomaly

44.3626, 0.2510, 0.2345

Deuteranomaly

44.3744, 0.2559, 0.2399

Tritanomaly

44.0553, 0.2872, 0.2808

Monochromacy



Original Color

44.3021, 0.2674, 0.2349

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4035, 0.2951, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3021, 0.2674, 0.2349 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(185, 166, 247)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 247)  
}
```

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(185, 166, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 247) }
```

Border

The CSS property to change the border of an element to Yxy 44.3021, 0.2674, 0.2349 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(185, 166, 247) }
```

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

```
.border{ border-color:rgb(185, 166, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 247);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3021, 0.2674, 0.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 247) }
```

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

```
.background{ background-color: rgb(185,  
166, 247) }
```

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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