

Converting Colors

$Yxy(46.9284, 0.2849, 0.2487)$

Have a look what the booklet for
Yxy(46.9284, 0.2849, 0.2487)
contains.

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Color

Yxy(47.0254, 0.2853, 0.2491)

Conversions

Conversions Part 1

Format	Color
Hex	C9A9EF
RGB	201, 169, 239
RGB Percent	79%, 66%, 94%
CMY	0.2117, 0.3373, 0.0628
CMYK	0.16, 0.29, 0.00, 0.06
HSL	267°, 69%, 80%
HSV	267°, 29%, 94%
XYZ	53.8593, 47.0254, 87.8965
YIQ	186.5480, -3.3980, 28.5540

Conversions

Conversions Part 2

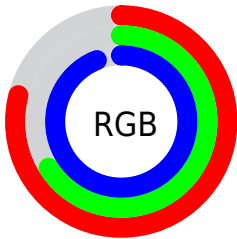
Format	Color
R _Y B	201, 169, 239
Decimal	13216239
CIE Lab	74.21, 24.94, -30.70
CIE LCh	74, 39.548, 309.090
Yxy	47.0254, 0.2853, 0.2491
Android (android.graphics.Color)	4291406319 (0xFFC9A9EF)
YUV	186.5480, 25.8588, 12.6744
Hunter-Lab	68.5751, 20.1886, -27.9928

Details

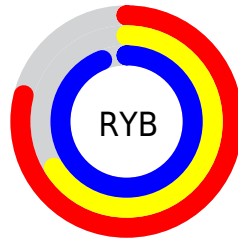
The Yxy color $47.0254, 0.2853, 0.2491$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $77.8568, 0.3341, 0.4080$, and the grayscale version is $49.2819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $22.2525, 0.2768, 0.2301$ is the 20% darker color. If you saturate the color by 10%, you get $37.2112, 0.2732, 0.2188$, and if you desaturate by 10%, it is $58.6204, 0.2960, 0.2783$.

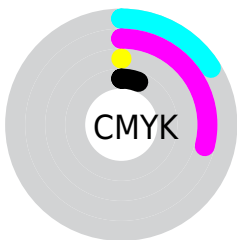
Distribution



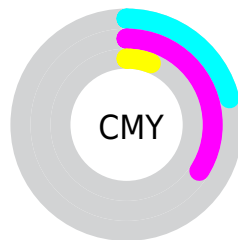
- Red (79%)
- Green (66%)
- Blue (94%)



- Red (79%)
- Yellow (66%)
- Blue (94%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)




- Cyan (21%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0254, 0.2853, 0.2491 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 47.0254, 0.2853, 0.2491 by changing the saturation by 10% instead.


 47.0254, 0.2853,
0.2491

 47.0254, 0.2853,
0.2491


374.9159, 0.2995,
0.2866

 33.0557, 0.2817,
0.2405


 85.7515, 0.2905,
0.2622

 22.1691, 0.2771,
0.2299


 111.2768, 0.2924,
0.2672

 13.9812, 0.2709,
0.2164


141.4227, 0.2941,
0.2716

 8.1076, 0.2624,
0.1990

176.5737, 0.2955,
0.2754

 4.1639, 0.2499,
0.1757

217.1141, 0.2967,
0.2787

 1.7657, 0.2304,
0.1433

263.4283, 0.2977,

 0.4656, 0.1993,

0.2816

0.0868

315.9008, 0.2987,
0.2842

0.0000, 0.0000,
0.0000

47.0254, 0.2853,
0.2491

47.0254, 0.2853,
0.2491

37.2112, 0.2732,
0.2188

58.6204, 0.2960,
0.2783

29.0795, 0.2600,
0.1884

72.0758, 0.3053,
0.3056

22.5313, 0.2460,
0.1592

87.4734, 0.3132,
0.3307

17.4545, 0.2316,
0.1329

98.6126, 0.3207,
0.3445

13.7214, 0.2177,
0.1111

99.0118, 0.3220,
0.3444

■ 11.1813, 0.2048,
0.0949

■ 9.6011, 0.1935,
0.0842

■ 9.5053, 0.1927,
0.0835

Harmonies

Analogous

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



47.0254, 0.2415, 0.2422



47.0254, 0.2853, 0.2491



47.0254, 0.3409, 0.2732

Triad

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



47.0254, 0.2853, 0.2491



47.0254, 0.4164, 0.3936



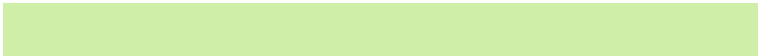
47.0254, 0.2372, 0.3428

Complementary

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



47.0254, 0.2853, 0.2491



77.8568, 0.3341, 0.4080

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.



47.0254, 0.2792, 0.3964



47.0254, 0.2853, 0.2491



47.0254, 0.3832, 0.4232

Square

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



47.0254, 0.2853, 0.2491



47.0254, 0.4206, 0.3523



47.0254, 0.3326, 0.4270



47.0254, 0.2157, 0.2904

Rectangle

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



47.0254, 0.2853, 0.2491



47.0254, 0.3768, 0.2965



47.0254, 0.3326, 0.4270



47.0254, 0.2492, 0.3617

Sweetspot

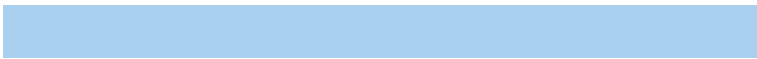
The Sweet Spot groups the original color and five complimentary colors.



47.0273, 0.2853, 0.2491



83.9362, 0.3055, 0.3063



59.5332, 0.2663, 0.2916



17.4472, 0.3042, 0.3024



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.



47.0273, 0.2853, 0.2491



47.6073, 0.2784, 0.2315



52.3534, 0.3132, 0.2555



15.5830, 0.3051, 0.3051



5.3289, 0.1944, 0.0844



0.5018, 0.2089, 0.0925

Inverse Universe

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



51.2284, 0.3430, 0.2879



53.3051, 0.3511, 0.2794



73.4227, 0.3109, 0.4139



15.9023, 0.3208, 0.3163



11.0533, 0.4779, 0.2406



0.9396, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 47.0254, 0.2853, 0.2491 looks on a white background.

Color Contrast Check

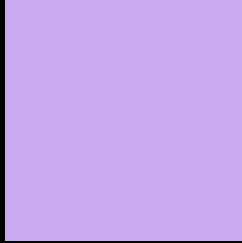
Large Text (above 18pt) WCAG AA × Fail

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 47.0254, 0.2853, 0.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

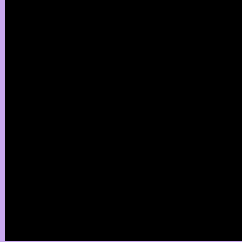
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0254, 0.2853, 0.2491

Background



This preview shows how black text looks on a background with the Yxy color 47.0254, 0.2853, 0.2491.



This preview shows how white text looks on a background with the Yxy color 47.0254, 0.2853, 0.2491.

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

47.0254, 0.2853, 0.2491

Protanopia

47.1444, 0.2539, 0.2482

Deuteranopia

47.0126, 0.2650, 0.2585



Tritanopia

46.9840, 0.3144, 0.3115

Trichromacy



Original Color

47.0254, 0.2853, 0.2491

Protanomaly

46.9294, 0.2646, 0.2484

Deuteranomaly

46.7781, 0.2719, 0.2541

Tritanomaly

46.9992, 0.3036, 0.2877

Monochromacy



Original Color

47.0254, 0.2853, 0.2491

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.3052, 0.3025, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0254, 0.2853, 0.2491 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(201, 169, 239)` looks like.

```
.text, #text, p{  
    color:rgb(201, 169, 239)  
}
```

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(201, 169, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 169, 239) }
```

Border

The CSS property to change the border of an element to Yxy 47.0254, 0.2853, 0.2491 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(201, 169, 239) }
```

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

```
.border{ border-color:rgb(201, 169, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 169, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 169, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 169, 239);  
box-shadow:4px 4px 4px 4px rgb(201, 169,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0254, 0.2853, 0.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 169, 239) }
```

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

```
.background{ background-color: rgb(201,  
169, 239) }
```

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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