

Converting Colors

Yxy(46.8381, 0.2894, 0.2447)

Have a look what the booklet for
Yxy(46.8381, 0.2894, 0.2447)
contains.

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Color

Yxy(47.0332, 0.2893, 0.2451)

Conversions

Conversions Part 1

Format	Color
Hex	D0A6F1
RGB	208, 166, 241
RGB Percent	82%, 65%, 95%
CMY	0.1844, 0.3489, 0.0550
CMYK	0.14, 0.31, 0.00, 0.06
HSL	274°, 73%, 80%
HSV	274°, 31%, 94%
XYZ	55.5149, 47.0332, 89.3458
YIQ	187.1080, 0.9570, 32.2290

Conversions

Conversions Part 2

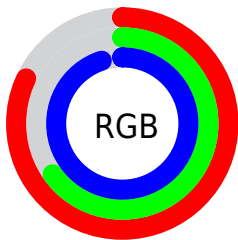
Format	Color
R _Y B	208, 166, 241
Decimal	13674225
CIE Lab	74.21, 29.11, -31.70
CIE LCh	74, 43.043, 312.559
Yxy	47.0332, 0.2893, 0.2451
Android (android.graphics.Color)	4291864305 (0xFFD0A6F1)
YUV	187.1080, 26.5688, 18.3223
Hunter-Lab	68.5808, 24.4763, -29.2354

Details

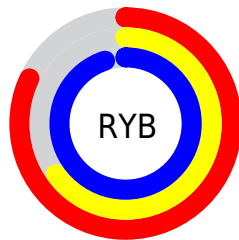
The Yxy color **47.0332, 0.2893, 0.2451** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.7910, 0.3300, 0.4148**, and the grayscale version is **49.6048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **22.3097, 0.2821, 0.2255** is the 20% darker color. If you saturate the color by 10%, you get **37.5918, 0.2794, 0.2159**, and if you desaturate by 10%, it is **58.2227, 0.2980, 0.2737**.

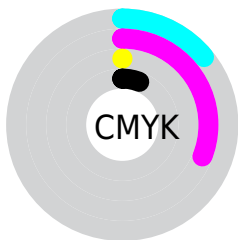
Distribution



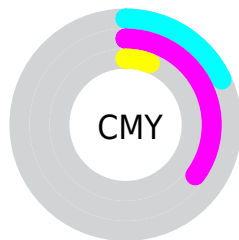
- Red (82%)
- Green (65%)
- Blue (95%)



- Red (82%)
- Yellow (65%)
- Blue (95%)



- Cyan (14%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)





- Cyan (18%)
- Magenta (35%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0332, 0.2893, 0.2451 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 47.0332, 0.2893, 0.2451 by changing the saturation by 10% instead.


 47.0332, 0.2893,
0.2451


 47.0332, 0.2893,
0.2451

374.9470, 0.3016,
0.2842

 33.0619, 0.2861,
0.2362


 85.7632, 0.2939,
0.2587

 22.1739, 0.2820,
0.2252


 111.2906, 0.2956,
0.2639

 13.9847, 0.2765,
0.2114


141.4390, 0.2970,
0.2685

 8.1100, 0.2687,
0.1936

176.5925, 0.2982,
0.2724

 4.1654, 0.2574,
0.1699

217.1357, 0.2992,
0.2759

 1.7665, 0.2394,
0.1375

263.4529, 0.3002,

 0.4662, 0.2105,

0.2790

0.0822

315.9286, 0.3009,
0.2817

0.0000, 0.0586,
0.0000

0.0000, 0.0000,
0.0000

47.0332, 0.2893,
0.2451

47.0332, 0.2893,
0.2451

37.5918, 0.2794,
0.2159

58.2227, 0.2980,
0.2737

29.7988, 0.2685,
0.1871

71.2410, 0.3056,
0.3010

23.5531, 0.2569,
0.1601

86.1709, 0.3121,
0.3263

18.7399, 0.2450,
0.1363

98.2687, 0.3180,
0.3426

■ 15.2276, 0.2332,
0.1170

■ 99.1290, 0.3209,
0.3425

■ 12.8587, 0.2220,
0.1031

■ 11.4888, 0.2129,
0.0947

Harmonies

Analogous

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



47.0332, 0.2401, 0.2352



47.0332, 0.2893, 0.2451



47.0332, 0.3503, 0.2727

Triad

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



47.0332, 0.2893, 0.2451



47.0332, 0.4223, 0.4028



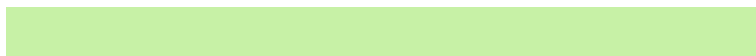
47.0332, 0.2269, 0.3365

Complementary

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



47.0332, 0.2893, 0.2451



77.7910, 0.3300, 0.4148

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.



47.0332, 0.2699, 0.3969



47.0332, 0.2893, 0.2451



47.0332, 0.3830, 0.4335

Square

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



47.0332, 0.2893, 0.2451



47.0332, 0.4314, 0.3588



47.0332, 0.3269, 0.4344



47.0332, 0.2070, 0.2810

Rectangle

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



47.0332, 0.2893, 0.2451



47.0332, 0.3885, 0.2984



47.0332, 0.3269, 0.4344



47.0332, 0.2390, 0.3573

Sweetspot

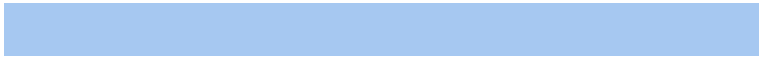
The Sweet Spot groups the original color and five complimentary colors.



47.0352, 0.2893, 0.2451



84.3549, 0.3071, 0.3064



55.6506, 0.2623, 0.2796



17.5503, 0.3061, 0.3026



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.



47.0352, 0.2893, 0.2451



46.8020, 0.2835, 0.2276



52.1034, 0.3194, 0.2551



15.6650, 0.3067, 0.3052



6.3132, 0.2145, 0.0955



0.5840, 0.2279, 0.1029

Inverse Universe

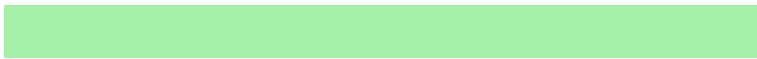
The Inverse Universe completely reimagines the original color for something new.



50.1006, 0.3524, 0.2932



50.9010, 0.3631, 0.2861



73.8949, 0.3063, 0.4160



15.8745, 0.3224, 0.3186



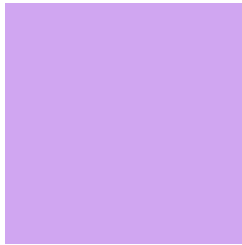
10.7327, 0.5210, 0.2644



0.9125, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 47.0332, 0.2893, 0.2451 looks on a white background.

Color Contrast Check

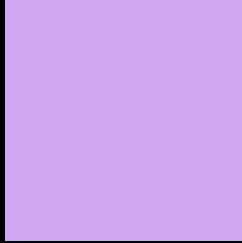
Large Text (above 18pt) WCAG AA × Fail

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 47.0332, 0.2893, 0.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

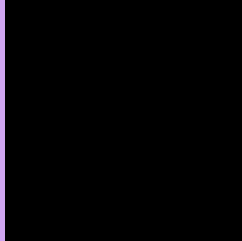
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0332, 0.2893, 0.2451

Background



This preview shows how black text looks on a background with the Yxy color 47.0332, 0.2893, 0.2451.

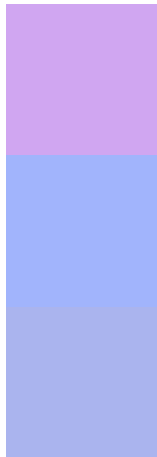


This preview shows how white text looks on a background with the Yxy color 47.0332, 0.2893, 0.2451.

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

47.0332, 0.2893, 0.2451

Protanopia

47.2479, 0.2498, 0.2429

Deuteranopia

47.3616, 0.2639, 0.2586



Tritanopia

47.0477, 0.3223, 0.3117

Trichromacy



Original Color

47.0332, 0.2893, 0.2451

Protanomaly

46.9022, 0.2627, 0.2434

Deuteranomaly

47.0823, 0.2727, 0.2534

Tritanomaly

46.8050, 0.3096, 0.2848

Monochromacy



Original Color

47.0332, 0.2893, 0.2451

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.3473, 0.3043, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0332, 0.2893, 0.2451 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(208, 166, 241)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 241)  
}
```

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(208, 166, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 241) }
```

Border

The CSS property to change the border of an element to Yxy 47.0332, 0.2893, 0.2451 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(208, 166, 241) }
```

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

```
.border{ border-color:rgb(208, 166, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 241);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0332, 0.2893, 0.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 241) }
```

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

```
.background{ background-color: rgb(208,  
166, 241) }
```

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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