

Converting Colors

Yxy(48.6084, 0.2891, 0.2483)

Have a look what the booklet for
Yxy(48.6084, 0.2891, 0.2483)
contains.

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Color

Yxy(48.7156, 0.2895, 0.2488)

Conversions

Conversions Part 1

Format	Color
Hex	D1AAF2
RGB	209, 170, 242
RGB Percent	82%, 67%, 95%
CMY	0.1805, 0.3332, 0.0511
CMYK	0.14, 0.30, 0.00, 0.05
HSL	272°, 73%, 81%
HSV	272°, 30%, 95%
XYZ	56.6848, 48.7156, 90.4019
YIQ	189.8690, 0.1320, 30.6600

Conversions

Conversions Part 2

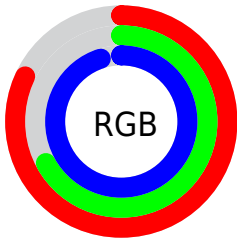
Format	Color
R _Y B	209, 170, 242
Decimal	13740786
CIE Lab	75.27, 27.45, -30.61
CIE LCh	75, 41.110, 311.883
Yxy	48.7156, 0.2895, 0.2488
Android (android.graphics.Color)	4291930866 (0xFFD1AAF2)
YUV	189.8690, 25.7006, 16.7779
Hunter-Lab	69.7966, 22.8234, -27.9360

Details

The Yxy color **48.7156, 0.2895, 0.2488** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **79.0969, 0.3303, 0.4105**, and the grayscale version is **51.2620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **23.1378, 0.2824, 0.2289** is the 20% darker color. If you saturate the color by 10%, you get **38.9001, 0.2793, 0.2194**, and if you desaturate by 10%, it is **60.3177, 0.2985, 0.2774**.

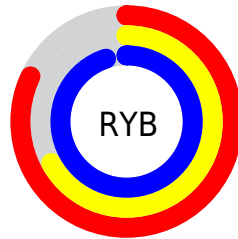
Distribution



Red (82%)

Green (67%)

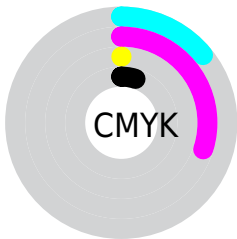
Blue (95%)



Red (82%)

Yellow (67%)

Blue (95%)

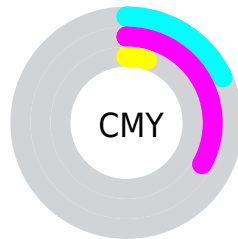


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (18%)


Magenta (33%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7156, 0.2895, 0.2488 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 48.7156, 0.2895, 0.2488 by changing the saturation by 10% instead.


 48.7156, 0.2895,
0.2488

 48.7156, 0.2895,
0.2488


381.6216, 0.3016,
0.2861

 34.3939, 0.2864,
0.2403


 88.2689, 0.2940,
0.2617

 23.1964, 0.2824,
0.2299


114.2693, 0.2956,
0.2668

 14.7386, 0.2771,
0.2167


144.9315, 0.2970,
0.2711

 8.6361, 0.2697,
0.1997

180.6397, 0.2982,
0.2749

 4.5046, 0.2589,
0.1771

221.7785, 0.2992,
0.2782

 1.9597, 0.2419,
0.1459

268.7321, 0.3001,

 0.5839, 0.2138,

0.2811

0.0971

321.8850, 0.3009,
0.2838

0.0000, 0.0919,
0.0000

0.0000, 0.0000,
0.0000

48.7156, 0.2895,
0.2488

48.7156, 0.2895,
0.2488

38.9001, 0.2793,
0.2194

60.3177, 0.2985,
0.2774

30.7712, 0.2681,
0.1902

73.7873, 0.3063,
0.3045

24.2280, 0.2561,
0.1626

89.2075, 0.3129,
0.3296

19.1560, 0.2437,
0.1379

98.8827, 0.3193,
0.3415

■ 15.4245, 0.2314,
0.1176

■ 99.1895, 0.3203,
0.3415

■ 12.8786, 0.2198,
0.1026

■ 11.2674, 0.2092,
0.0927

■ 11.2301, 0.2090,
0.0925

Harmonies

Analogous

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



48.7156, 0.2430, 0.2399



48.7156, 0.2895, 0.2488



48.7156, 0.3470, 0.2748

Triad

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



48.7156, 0.2895, 0.2488



48.7156, 0.4170, 0.3986



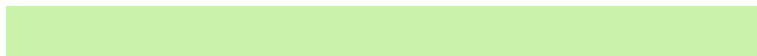
48.7156, 0.2322, 0.3376

Complementary

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



48.7156, 0.2895, 0.2488



79.0969, 0.3303, 0.4105

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.



48.7156, 0.2735, 0.3939



48.7156, 0.2895, 0.2488



48.7156, 0.3806, 0.4274

Square

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



48.7156, 0.2895, 0.2488



48.7156, 0.4246, 0.3568



48.7156, 0.3278, 0.4284



48.7156, 0.2124, 0.2850

Rectangle

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



48.7156, 0.2895, 0.2488



48.7156, 0.3832, 0.2993



48.7156, 0.3278, 0.4284



48.7156, 0.2438, 0.3572

Sweetspot

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



48.7176, 0.2895, 0.2488



84.2785, 0.3068, 0.3064



57.9554, 0.2647, 0.2836



17.5315, 0.3057, 0.3025



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.



48.7176, 0.2895, 0.2488



47.6130, 0.2832, 0.2301



53.8983, 0.3181, 0.2572



15.6500, 0.3065, 0.3052



6.1164, 0.2106, 0.0934



0.5679, 0.2243, 0.1009

Inverse Universe

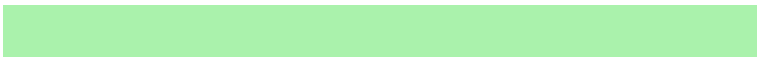
The Inverse Universe completely reimagines the original color for something new.



51.9458, 0.3490, 0.2935



51.9489, 0.3597, 0.2856



75.0349, 0.3073, 0.4131



15.8795, 0.3221, 0.3182



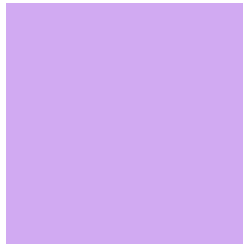
10.7850, 0.5132, 0.2601



0.9171, 0.4814, 0.2426

Previews

White Background



This preview shows how the Yxy color 48.7156, 0.2895, 0.2488 looks on a white background.

Color Contrast Check

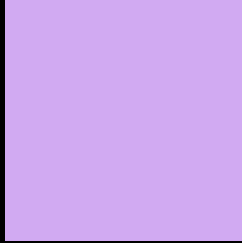
Large Text (above 18pt) WCAG AA × Fail

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 48.7156, 0.2895, 0.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

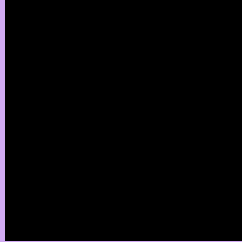
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7156, 0.2895, 0.2488

Background



This preview shows how black text looks on a background with the Yxy color 48.7156, 0.2895, 0.2488.



This preview shows how white text looks on a background with the Yxy color 48.7156, 0.2895, 0.2488.

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

48.7156, 0.2895, 0.2488

Protanopia

49.0022, 0.2535, 0.2473

Deuteranopia

48.8611, 0.2664, 0.2596



Tritanopia

48.5080, 0.3204, 0.3119

Trichromacy



Original Color

48.7156, 0.2895, 0.2488

Protanomaly

48.5632, 0.2659, 0.2476

Deuteranomaly

48.7565, 0.2739, 0.2554

Tritanomaly

48.5912, 0.3087, 0.2875

Monochromacy



Original Color

48.7156, 0.2895, 0.2488

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.3407, 0.3043, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7156, 0.2895, 0.2488 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(209, 170, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 242)  
}
```

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(209, 170, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 242) }
```

Border

The CSS property to change the border of an element to Yxy 48.7156, 0.2895, 0.2488 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(209, 170, 242) }
```

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

```
.border{ border-color:rgb(209, 170, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7156, 0.2895, 0.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 242) }
```

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

```
.background{ background-color: rgb(209,  
170, 242) }
```

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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