

Converting Colors

Yxy(53.6066, 0.3094, 0.2812)

Have a look what the booklet for
Yxy(53.6066, 0.3094, 0.2812)
contains.

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Color

Yxy(53.7431, 0.3100, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	DAB6E0
RGB	218, 182, 224
RGB Percent	85%, 71%, 88%
CMY	0.1451, 0.2863, 0.1214
CMYK	0.03, 0.19, 0.00, 0.12
HSL	291°, 40%, 80%
HSV	291°, 19%, 88%
XYZ	59.1003, 53.7431, 77.8026
YIQ	197.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

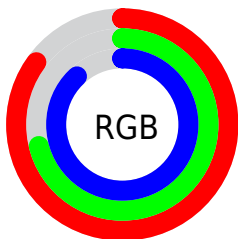
Format	Color
RYB	218, 182, 224
Decimal	14333664
CIELab	78.31, 20.25, -16.20
CIELCh	78, 25.928, 321.342
Yxy	53.7431, 0.3100, 0.2819
Android (android.graphics.Color)	4292523744 (0xFFDAB6E0)
YUV	197.5520, 13.0389, 17.9329
Hunter-Lab	73.3097, 15.6098, -11.6069

Details

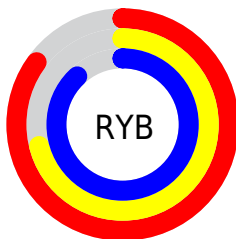
The Yxy color $53.7431, 0.3100, 0.2819$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.4016, 0.3145, 0.3796$, and the grayscale version is $56.1041, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $26.3516, 0.3089, 0.2703$ is the 20% darker color. If you saturate the color by 10%, you get $44.8010, 0.3080, 0.2559$, and if you desaturate by 10%, it is $64.1674, 0.3116, 0.3075$.

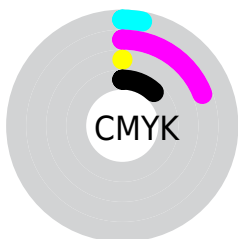
Distribution



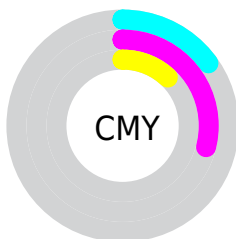
- Red (85%)
- Green (71%)
- Blue (88%)



- Red (85%)
- Yellow (71%)
- Blue (88%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)





- Cyan (15%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7431, 0.3100, 0.2819 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 53.7431, 0.3100, 0.2819 by changing the saturation by 10% instead.


 53.7431, 0.3100,
0.2819

 53.7431, 0.3100,
0.2819


401.1296, 0.3117,
0.3040

 38.3963, 0.3095,
0.2768


 95.6969, 0.3107,
0.2896

 26.2904, 0.3089,
0.2704


123.0728, 0.3109,
0.2926

 17.0410, 0.3079,
0.2622


155.2271, 0.3111,
0.2952

 10.2638, 0.3066,
0.2515

192.5443, 0.3112,
0.2974

 5.5742, 0.3044,
0.2367

235.4087, 0.3114,
0.2994

 2.5879, 0.3006,
0.2152

284.2048, 0.3115,

 0.9206, 0.2927,

0.3011

0.1813

339.3170, 0.3116,
0.3027

0.0000, 0.2542,
0.0000

0.0000, 0.0000,
0.0000

53.7431, 0.3100,
0.2819

53.7431, 0.3100,
0.2819

44.8010, 0.3080,
0.2559

64.1674, 0.3116,
0.3075

37.2643, 0.3056,
0.2302

76.1319, 0.3129,
0.3320

31.0601, 0.3028,
0.2059

89.7002, 0.3138,
0.3550

26.1059, 0.2996,
0.1839

93.8688, 0.3155,
0.3606

■ 22.3100, 0.2961,
0.1652

■ 94.4079, 0.3175,
0.3604

■ 19.5681, 0.2924,
0.1507

■ 94.9569, 0.3195,
0.3602

■ 17.7572, 0.2887,
0.1406

■ 95.5158, 0.3216,
0.3600

■ 16.6897, 0.2849,
0.1347

■ 96.0847, 0.3236,
0.3598

■ 16.5776, 0.2845,
0.1341

■ 96.6636, 0.3257,
0.3596

Harmonies

Analogous

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



53.7431, 0.2776, 0.2726



53.7431, 0.3100, 0.2819



53.7431, 0.3449, 0.3020

Triad

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



53.7431, 0.3100, 0.2819



53.7431, 0.3721, 0.3804



53.7431, 0.2568, 0.3246

Complementary

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



53.7431, 0.3100, 0.2819



67.4016, 0.3145, 0.3796

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.



53.7431, 0.2798, 0.3579



53.7431, 0.3100, 0.2819



53.7431, 0.3463, 0.3909

Square

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



53.7431, 0.3100, 0.2819



53.7431, 0.3818, 0.3572



53.7431, 0.3124, 0.3831



53.7431, 0.2482, 0.2950

Rectangle

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



53.7431, 0.3100, 0.2819



53.7431, 0.3643, 0.3195



53.7431, 0.3124, 0.3831



53.7431, 0.2630, 0.3358

Sweetspot

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



53.7454, 0.3100, 0.2819



90.2099, 0.3120, 0.3142



51.4252, 0.2822, 0.2857



19.0905, 0.3119, 0.3126



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.



53.7454, 0.3100, 0.2819



66.5574, 0.3092, 0.2705



53.9276, 0.3265, 0.2983



13.8308, 0.3115, 0.3057



9.6848, 0.2851, 0.1344



0.6989, 0.2909, 0.1376

Inverse Universe

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



52.9402, 0.3442, 0.3222



65.2942, 0.3536, 0.3205



67.2923, 0.3011, 0.3618



13.7324, 0.3270, 0.3257



9.2955, 0.6201, 0.3190



0.6546, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 53.7431, 0.3100, 0.2819 looks on a white background.

Color Contrast Check

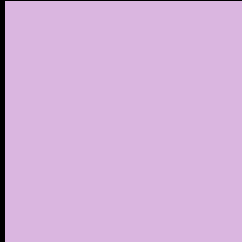
Large Text (above 18pt) WCAG AA × Fail

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 53.7431, 0.3100, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

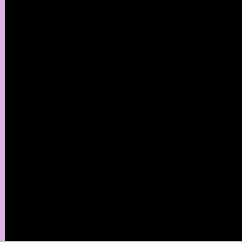
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7431, 0.3100, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 53.7431, 0.3100, 0.2819.



This preview shows how white text looks on a background with the Yxy color 53.7431, 0.3100, 0.2819.

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

53.7431, 0.3100, 0.2819

Protanopia

53.9079, 0.2808, 0.2828

Deuteranopia

53.8650, 0.2957, 0.2892



Tritanopia

53.7819, 0.3252, 0.3116

Trichromacy



Original Color

53.7431, 0.3100, 0.2819

Protanomaly

53.5736, 0.2914, 0.2824

Deuteranomaly

53.5673, 0.3011, 0.2863

Tritanomaly

53.9003, 0.3198, 0.3015

Monochromacy



Original Color

53.7431, 0.3100, 0.2819

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1834, 0.3119, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7431, 0.3100, 0.2819 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(218, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 224)  
}
```

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(218, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.7431, 0.3100, 0.2819 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(218, 182, 224) }
```

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

```
.border{ border-color:rgb(218, 182, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 182, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 182,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7431, 0.3100, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 224) }
```

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

```
.background{ background-color: rgb(218,  
182, 224) }
```

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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