

Converting Colors

$Y_{xy}(45.1931, 0.3473, 0.3089)$

Have a look what the booklet for
Yxy(45.1931, 0.3473, 0.3089)
contains.

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Color

Yxy(45.1931, 0.3473, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	DAA5B6
RGB	218, 165, 182
RGB Percent	85%, 65%, 71%
CMY	0.1451, 0.3529, 0.2863
CMYK	0.00, 0.24, 0.17, 0.15
HSL	341°, 42%, 75%
HSV	341°, 24%, 85%
XYZ	50.8111, 45.1931, 50.2991
YIQ	182.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

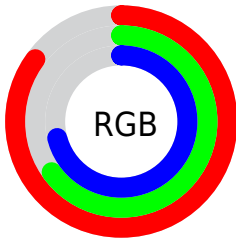
Format	Color
R _Y B	218, 165, 182
Decimal	14329270
CIE Lab	73.02, 22.10, -1.13
CIE LCh	73, 22.125, 357.081
Yxy	45.1931, 0.3473, 0.3089
Android (android.graphics.Color)	4292519350 (0xFFDAA5B6)
YUV	182.7850, -0.3870, 30.8836
Hunter-Lab	67.2258, 17.2701, 2.6966

Details

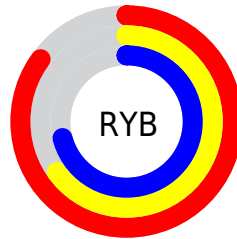
The Yxy color $45.1931, 0.3473, 0.3089$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $62.3592, 0.2871, 0.3501$, and the grayscale version is $47.2224, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6194, 0.3257, 0.3112$, and $21.0766, 0.3570, 0.3038$ is the 20% darker color. If you saturate the color by 10%, you get $37.4092, 0.3672, 0.3002$, and if you desaturate by 10%, it is $54.3862, 0.3310, 0.3175$.

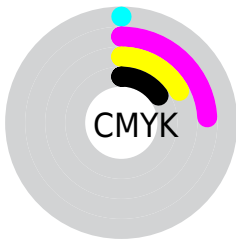
Distribution



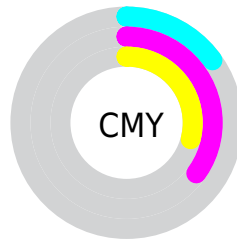
- Red (85%)
- Green (65%)
- Blue (71%)



- Red (85%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1931, 0.3473, 0.3089 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 45.1931, 0.3473, 0.3089 by changing the saturation by 10% instead.


 45.1931, 0.3473,
0.3089

 45.1931, 0.3473,
0.3089


367.5551, 0.3299,
0.3190

 31.6096, 0.3517,
0.3064


 83.0101, 0.3410,
0.3126

 21.0634, 0.3573,
0.3032


 108.0123, 0.3386,
0.3139

 13.1704, 0.3647,
0.2989


137.5896, 0.3366,
0.3151

 7.5460, 0.3752,
0.2929

172.1263, 0.3349,
0.3161

 3.8058, 0.3909,
0.2840

212.0068, 0.3334,
0.3169

 1.5656, 0.4171,
0.2694

257.6155, 0.3321,

 0.3342, 0.5246,

0.3177

0.2045

309.3368, 0.3310,
0.3184

0.0000, 0.0000,
0.0000

45.1931, 0.3473,
0.3089

45.1931, 0.3473,
0.3089

37.4092, 0.3672,
0.3002

54.3862, 0.3310,
0.3175

30.9584, 0.3911,
0.2917

65.0474, 0.3177,
0.3257

25.7668, 0.4193,
0.2844

77.2396, 0.3068,
0.3333

21.7506, 0.4514,
0.2791

91.0205, 0.2980,
0.3403

18.8158, 0.4864,
0.2771

93.6451, 0.2906,
0.3289

■ 16.8538, 0.5219,
0.2795

■ 15.7328, 0.5547,
0.2867

■ 15.3460, 0.5715,
0.2922

Harmonies

Analogous

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



45.1931, 0.3165, 0.2890



45.1931, 0.3473, 0.3089



45.1931, 0.3691, 0.3341

Triad

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



45.1931, 0.3473, 0.3089



45.1931, 0.3377, 0.3848



45.1931, 0.2543, 0.2943

Complementary

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



45.1931, 0.3473, 0.3089



62.3592, 0.2871, 0.3501

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.



45.1931, 0.2593, 0.3196



45.1931, 0.3473, 0.3089



45.1931, 0.3066, 0.3743

Square

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



45.1931, 0.3473, 0.3089



45.1931, 0.3629, 0.3785



45.1931, 0.2781, 0.3496



45.1931, 0.2637, 0.2799

Rectangle

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



45.1931, 0.3473, 0.3089



45.1931, 0.3749, 0.3514



45.1931, 0.2781, 0.3496



45.1931, 0.2543, 0.3017

Sweetspot

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



45.1952, 0.3473, 0.3089



88.3787, 0.3211, 0.3235



44.3000, 0.3003, 0.2660



18.7131, 0.3218, 0.3230



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.



45.1952, 0.3473, 0.3089



58.7243, 0.3567, 0.3046



47.8318, 0.3609, 0.3397



13.1200, 0.3242, 0.3215



9.2115, 0.5677, 0.2901



0.6122, 0.5212, 0.2645

Inverse Universe

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



45.1952, 0.3473, 0.3089



58.7243, 0.3567, 0.3046



58.7444, 0.2761, 0.3180



13.1200, 0.3242, 0.3215



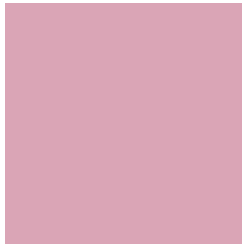
9.2115, 0.5677, 0.2901



0.6122, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 45.1931, 0.3473, 0.3089 looks on a white background.

Color Contrast Check

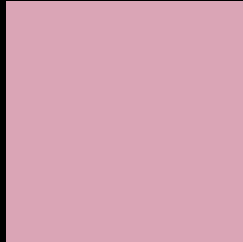
Large Text (above 18pt) WCAG AA × Fail

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 45.1931, 0.3473, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

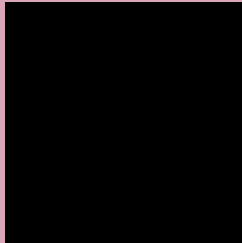
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1931, 0.3473, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 45.1931, 0.3473, 0.3089.



This preview shows how white text looks on a background with the Yxy color 45.1931, 0.3473, 0.3089.

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

45.1931, 0.3473, 0.3089

Protanopia

45.2618, 0.3049, 0.3134

Deuteranopia

45.3032, 0.3274, 0.3214



Tritanopia

45.3922, 0.3508, 0.3148

Trichromacy



Original Color

45.1931, 0.3473, 0.3089

Protanomaly

44.9443, 0.3198, 0.3113

Deuteranomaly

45.2994, 0.3342, 0.3167

Tritanomaly

45.4325, 0.3499, 0.3136

Monochromacy



Original Color

45.1931, 0.3473, 0.3089

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.2053, 0.3246, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1931, 0.3473, 0.3089 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, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 182)  
}
```

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, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.1931, 0.3473, 0.3089 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, 165, 182) }
```

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

```
.border{ border-color:rgb(218, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 165, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 165, 182); box-shadow:4px 4px 4px 4px rgb(218, 165, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1931, 0.3473, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 182) }
```

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

```
.background{ background-color: rgb(218,  
165, 182) }
```

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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