

Converting Colors

$Y_{xy}(45.8805, 0.3229, 0.2750)$

Have a look what the booklet for
Yxy(45.8805, 0.3229, 0.2750)
contains.

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Color

Yxy(45.9076, 0.3233, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	DBA3D2
RGB	219, 163, 210
RGB Percent	86%, 64%, 82%
CMY	0.1413, 0.3607, 0.1766
CMYK	0.00, 0.26, 0.04, 0.14
HSL	310°, 44%, 75%
HSV	310°, 26%, 86%
XYZ	53.9314, 45.9076, 66.9764
YIQ	185.1020, 18.2890, 26.4890

Conversions

Conversions Part 2

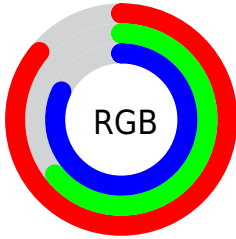
Format	Color
R _Y B	219, 163, 210
Decimal	14394322
CIE Lab	73.49, 28.23, -15.81
CIE LCh	73, 32.351, 330.752
Yxy	45.9076, 0.3233, 0.2752
Android (android.graphics.Color)	4292584402 (0xFFDBA3D2)
YUV	185.1020, 12.2747, 29.7285
Hunter-Lab	67.7551, 23.5101, -11.1799

Details

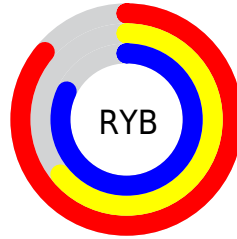
The Yxy color $45.9076, 0.3233, 0.2752$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.4091, 0.3037, 0.3895$, and the grayscale version is $48.4980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $21.5220, 0.3257, 0.2625$ is the 20% darker color. If you saturate the color by 10%, you get $38.6208, 0.3284, 0.2540$, and if you desaturate by 10%, it is $54.5484, 0.3187, 0.2967$.

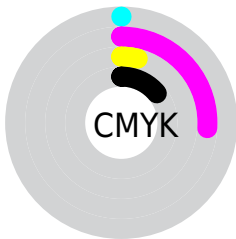
Distribution



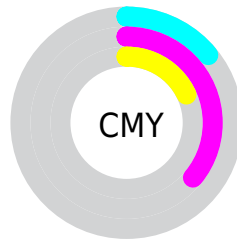
- Red (86%)
- Green (64%)
- Blue (82%)



- Red (86%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (14%)




- Cyan (14%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9076, 0.3233, 0.2752 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 45.9076, 0.3233, 0.2752 by changing the saturation by 10% instead.


 45.9076, 0.3233,
0.2752

 45.9076, 0.3233,
0.2752


370.4370, 0.3185,
0.3010

 32.1729, 0.3243,
0.2691


 84.0807, 0.3217,
0.2843

 21.4936, 0.3256,
0.2615


 109.2879, 0.3210,
0.2878

 13.4853, 0.3272,
0.2516


139.0881, 0.3205,
0.2908

 7.7636, 0.3291,
0.2385

173.8656, 0.3200,
0.2934

 3.9440, 0.3315,
0.2201

214.0048, 0.3196,
0.2956

 1.6423, 0.3344,
0.1928

259.8902, 0.3192,

 0.3859, 0.3465,

0.2976

0.1244

311.9062, 0.3188,
0.2994

0.0000, 0.0111,
0.0000

0.0000, 0.0000,
0.0000

45.9076, 0.3233,
0.2752

45.9076, 0.3233,
0.2752

38.6208, 0.3284,
0.2540

54.5484, 0.3187,
0.2967

32.6126, 0.3340,
0.2338

64.6016, 0.3147,
0.3177

27.8095, 0.3400,
0.2155

76.1294, 0.3112,
0.3379

24.1279, 0.3462,
0.2003

89.1886, 0.3082,
0.3569

■ 21.4736, 0.3524,
0.1889

■ 92.1502, 0.3061,
0.3575

■ 19.7371, 0.3585,
0.1820

■ 92.3469, 0.3042,
0.3538

■ 18.7838, 0.3642,
0.1796

■ 92.5477, 0.3022,
0.3501

■ 18.5060, 0.3667,
0.1794

■ 92.7524, 0.3003,
0.3464

■ 92.9612, 0.2983,
0.3427

Harmonies

Analogous

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



45.9076, 0.2787, 0.2585



45.9076, 0.3233, 0.2752



45.9076, 0.3678, 0.3039

Triad

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



45.9076, 0.3233, 0.2752



45.9076, 0.3812, 0.4024



45.9076, 0.2346, 0.3089

Complementary

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



45.9076, 0.3233, 0.2752



61.4091, 0.3037, 0.3895

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.



45.9076, 0.2584, 0.3535



45.9076, 0.3233, 0.2752



45.9076, 0.3425, 0.4110

Square

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



45.9076, 0.3233, 0.2752



45.9076, 0.4022, 0.3751



45.9076, 0.2974, 0.3931



45.9076, 0.2303, 0.2747

Rectangle

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



45.9076, 0.3233, 0.2752



45.9076, 0.3901, 0.3272



45.9076, 0.2974, 0.3931



45.9076, 0.2404, 0.3232

Sweetspot

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



45.9096, 0.3233, 0.2752



87.4587, 0.3157, 0.3125



40.0212, 0.2755, 0.2578



18.2473, 0.3163, 0.3093



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.



45.9096, 0.3233, 0.2752



58.7204, 0.3262, 0.2630



44.6600, 0.3480, 0.3059



13.2371, 0.3162, 0.3096



10.9916, 0.3659, 0.1790



0.7219, 0.3574, 0.1743

Inverse Universe

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



45.9096, 0.3233, 0.2752



58.7204, 0.3262, 0.2630



62.5716, 0.2869, 0.3535



13.2371, 0.3162, 0.3096



10.9916, 0.3659, 0.1790



0.7219, 0.3574, 0.1743

Previews

White Background



This preview shows how the Yxy color 45.9076, 0.3233, 0.2752 looks on a white background.

Color Contrast Check

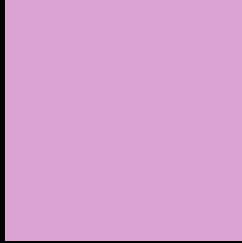
Large Text (above 18pt) WCAG AA × Fail

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 45.9076, 0.3233, 0.2752 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 45.9076, 0.3233, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 45.9076, 0.3233, 0.2752.



This preview shows how white text looks on a background with the Yxy color 45.9076, 0.3233, 0.2752.

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

45.9076, 0.3233, 0.2752

Protanopia

46.1186, 0.2753, 0.2762

Deuteranopia

45.9948, 0.2968, 0.2903



Tritanopia

45.7885, 0.3449, 0.3135

Trichromacy



Original Color

45.9076, 0.3233, 0.2752

Protanomaly

45.5883, 0.2909, 0.2751

Deuteranomaly

45.6857, 0.3062, 0.2841

Tritanomaly

45.6771, 0.3361, 0.2983

Monochromacy



Original Color

45.9076, 0.3233, 0.2752

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2096, 0.3163, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9076, 0.3233, 0.2752 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(219, 163, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 210)  
}
```

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(219, 163, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 210) }
```

Border

The CSS property to change the border of an element to Yxy 45.9076, 0.3233, 0.2752 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(219, 163, 210) }
```

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

```
.border{ border-color:rgb(219, 163, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9076, 0.3233, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 210) }
```

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

```
.background{ background-color: rgb(219,  
163, 210) }
```

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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