

Converting Colors

$Y_{xy}(41.9999, 0.3230, 0.2598)$

Have a look what the booklet for
Yxy(41.9999, 0.3230, 0.2598)
contains.

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Color

Yxy(41.9468, 0.3225, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	DB97D4
RGB	219, 151, 212
RGB Percent	86%, 59%, 83%
CMY	0.1411, 0.4079, 0.1685
CMYK	0.00, 0.31, 0.03, 0.14
HSL	306°, 49%, 73%
HSV	306°, 31%, 86%
XYZ	52.1706, 41.9468, 67.6520
YIQ	178.2860, 20.9470, 33.3870

Conversions

Conversions Part 2

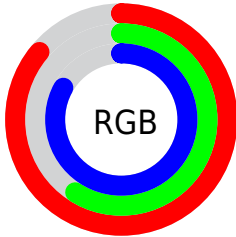
Format	Color
R _Y B	219, 151, 212
Decimal	14391252
CIE Lab	70.83, 35.10, -20.95
CIE LCh	71, 40.876, 329.171
Yxy	41.9468, 0.3225, 0.2593
Android (android.graphics.Color)	4292581332 (0xFFDB97D4)
YUV	178.2860, 16.6210, 35.7062
Hunter-Lab	64.7663, 30.4443, -16.5952

Details

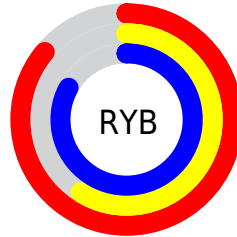
The Yxy color **41.9468, 0.3225, 0.2593** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.7201, 0.3042, 0.4104**, and the grayscale version is **44.5837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **19.1445, 0.3246, 0.2422** is the 20% darker color. If you saturate the color by 10%, you get **35.4294, 0.3263, 0.2374**, and if you desaturate by 10%, it is **49.7790, 0.3190, 0.2820**.

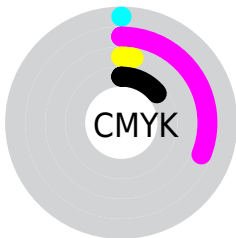
Distribution



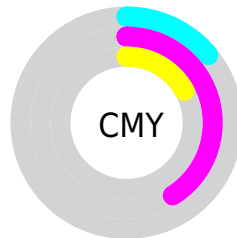
- Red (86%)
- Green (59%)
- Blue (83%)



- Red (86%)
- Yellow (59%)
- Blue (83%)



- Cyan (0%)
- Magenta (31%)
- Yellow (3%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9468, 0.3225, 0.2593 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 41.9468, 0.3225, 0.2593 by changing the saturation by 10% instead.


 41.9468, 0.3225,
0.2593


 41.9468, 0.3225,
0.2593


354.2624, 0.3184,
0.2927

 29.0596, 0.3233,
0.2514


 78.1191, 0.3212,
0.2711

 19.1259, 0.3242,
0.2416

 102.1730, 0.3206,
0.2756

 11.7613, 0.3252,
0.2290


130.7180, 0.3201,
0.2795

 6.5814, 0.3262,
0.2122

164.1384, 0.3197,
0.2828

 3.2017, 0.3270,
0.1890

202.8187, 0.3193,
0.2857

 1.2379, 0.3267,
0.1552

247.1431, 0.3190,

 0.0924, 0.3463,

0.2883

0.0337

297.4962, 0.3187,
0.2906

0.0000, 0.0000,
0.0000

41.9468, 0.3225,
0.2593

41.9468, 0.3225,
0.2593

35.4294, 0.3263,
0.2374

49.7790, 0.3190,
0.2820

30.1485, 0.3303,
0.2173

58.9873, 0.3158,
0.3046

26.0263, 0.3344,
0.1999


69.6363, 0.3130,
0.3267


22.9738, 0.3384,
0.1860


81.7844, 0.3105,
0.3478

20.8889, 0.3423,
0.1764

91.9262, 0.3085,
0.3621


 19.6501, 0.3459,
0.1712

 92.0487, 0.3073,
0.3597

 19.0719, 0.3490,
0.1696

 92.1728, 0.3060,
0.3573

 92.2985, 0.3048,
0.3549

 92.4258, 0.3035,
0.3525

Harmonies

Analogous

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



41.9468, 0.2658, 0.2393



41.9468, 0.3225, 0.2593



41.9468, 0.3816, 0.2942

Triad

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



41.9468, 0.3225, 0.2593



41.9468, 0.4024, 0.4213



41.9468, 0.2140, 0.3042

Complementary

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



41.9468, 0.3225, 0.2593



59.7201, 0.3042, 0.4104

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.



41.9468, 0.2445, 0.3639



41.9468, 0.3225, 0.2593



41.9468, 0.3526, 0.4371

Square

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



41.9468, 0.3225, 0.2593



41.9468, 0.4292, 0.3835



41.9468, 0.2947, 0.4166



41.9468, 0.2078, 0.2599

Rectangle

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



41.9468, 0.3225, 0.2593



41.9468, 0.4120, 0.3228



41.9468, 0.2947, 0.4166



41.9468, 0.2216, 0.3232

Sweetspot

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



41.9487, 0.3225, 0.2593



86.0704, 0.3152, 0.3091



34.4944, 0.2631, 0.2394



17.9749, 0.3157, 0.3058



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.



41.9487, 0.3225, 0.2593



53.2386, 0.3248, 0.2455



40.4163, 0.3548, 0.2967



13.2506, 0.3153, 0.3083



11.3159, 0.3485, 0.1693



0.7399, 0.3434, 0.1666

Inverse Universe

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



41.9487, 0.3225, 0.2593



53.2386, 0.3248, 0.2455



61.0494, 0.2838, 0.3641



13.2506, 0.3153, 0.3083



11.3159, 0.3485, 0.1693



0.7399, 0.3434, 0.1666

Previews

White Background



This preview shows how the Yxy color 41.9468, 0.3225, 0.2593 looks on a white background.

Color Contrast Check

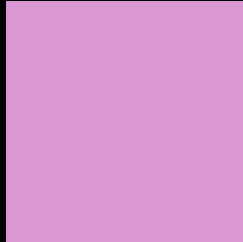
Large Text (above 18pt) WCAG AA × Fail

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 41.9468, 0.3225, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

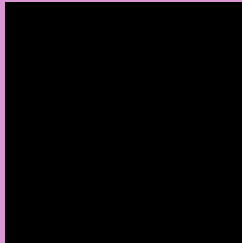
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9468, 0.3225, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 41.9468, 0.3225, 0.2593.



This preview shows how white text looks on a background with the Yxy color 41.9468, 0.3225, 0.2593.

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

41.9468, 0.3225, 0.2593

Protanopia

42.4220, 0.2618, 0.2588

Deuteranopia

42.2371, 0.2845, 0.2787



Tritanopia

42.0327, 0.3553, 0.3145

Trichromacy



Original Color

41.9468, 0.3225, 0.2593



Protanomaly

41.6486, 0.2811, 0.2572



Deuteranomaly

41.7947, 0.2977, 0.2707



Tritanomaly

41.9210, 0.3433, 0.2933

Monochromacy



Original Color

41.9468, 0.3225, 0.2593



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.0604, 0.3167, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9468, 0.3225, 0.2593 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, 151, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 151, 212)  
}
```

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, 151, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 151, 212) }
```

Border

The CSS property to change the border of an element to Yxy 41.9468, 0.3225, 0.2593 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, 151, 212) }
```

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

```
.border{ border-color:rgb(219, 151, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 151, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 151, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 151, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 151,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9468, 0.3225, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 151, 212) }
```

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

```
.background{ background-color: rgb(219,  
151, 212) }
```

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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