

Converting Colors

$Y_{xy}(42.4072, 0.3238, 0.2611)$

Have a look what the booklet for
Yxy(42.4072, 0.3238, 0.2611)
contains.

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Color

Yxy(42.4256, 0.3234, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	DC98D4
RGB	220, 152, 212
RGB Percent	86%, 60%, 83%
CMY	0.1372, 0.4039, 0.1687
CMYK	0.00, 0.31, 0.04, 0.14
HSL	307°, 49%, 73%
HSV	307°, 31%, 86%
XYZ	52.6292, 42.4256, 67.6824
YIQ	179.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

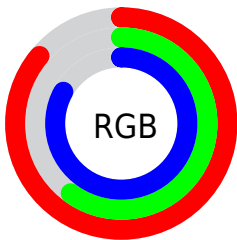
Format	Color
R _{YB}	220, 152, 212
Decimal	14457044
CIE _{Lab}	71.16, 34.88, -20.41
CIE _{LCh}	71, 40.408, 329.669
Yxy	42.4256, 0.3234, 0.2607
Android (android.graphics.Color)	4292647124 (0xFFDC98D4)
YUV	179.1720, 16.1842, 35.8062
Hunter-Lab	65.1349, 30.2424, -16.0144

Details

The Yxy color **42.4256, 0.3234, 0.2607** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.4143, 0.3036, 0.4085**, and the grayscale version is **45.0804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **19.4412, 0.3257, 0.2440** is the 20% darker color. If you saturate the color by 10%, you get **35.8053, 0.3276, 0.2391**, and if you desaturate by 10%, it is **50.3765, 0.3195, 0.2831**.

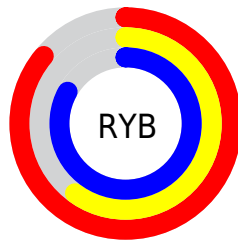
Distribution



Red (86%)

Green (60%)

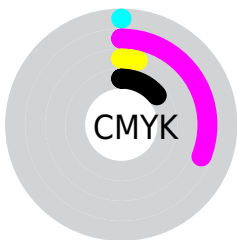
Blue (83%)



Red (86%)

Yellow (60%)

Blue (83%)

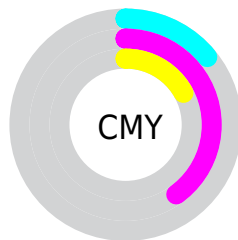


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4256, 0.3234, 0.2607 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 42.4256, 0.3234, 0.2607 by changing the saturation by 10% instead.


 42.4256, 0.3234,
0.2607


 42.4256, 0.3234,
0.2607

356.2442, 0.3188,
0.2934

 29.4347, 0.3243,
0.2530


 78.8433, 0.3219,
0.2722

 19.4099, 0.3254,
0.2434


 103.0390, 0.3213,
0.2767

 11.9668, 0.3266,
0.2310


131.7383, 0.3207,
0.2804

 6.7211, 0.3280,
0.2146

165.3257, 0.3203,
0.2837

 3.2883, 0.3293,
0.1919

204.1856, 0.3198,
0.2866

 1.2840, 0.3298,
0.1587

248.7024, 0.3195,

 0.1288, 0.3490,

0.2891

0.0458

299.2605, 0.3191,
0.2914

0.0000, 0.0000,
0.0000

42.4256, 0.3234,
0.2607

42.4256, 0.3234,
0.2607

35.8053, 0.3276,
0.2391

50.3765, 0.3195,
0.2831

30.4366, 0.3321,
0.2192

59.7201, 0.3161,
0.3054

26.2408, 0.3367,
0.2019


70.5213, 0.3130,
0.3271


23.1280, 0.3413,
0.1881


82.8395, 0.3103,
0.3477

20.9954, 0.3458,
0.1786


92.1754, 0.3082,
0.3602


 19.7203, 0.3500,
0.1735

 92.3187, 0.3067,
0.3574

 19.1134, 0.3536,
0.1722

 92.4641, 0.3053,
0.3546

 92.6118, 0.3038,
0.3519

 92.7616, 0.3024,
0.3491

Harmonies

Analogous

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



42.4256, 0.2673, 0.2407



42.4256, 0.3234, 0.2607



42.4256, 0.3815, 0.2954

Triad

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



42.4256, 0.3234, 0.2607



42.4256, 0.4005, 0.4206



42.4256, 0.2151, 0.3038

Complementary

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



42.4256, 0.3234, 0.2607



60.4143, 0.3036, 0.4085

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.



42.4256, 0.2448, 0.3624



42.4256, 0.3234, 0.2607



42.4256, 0.3512, 0.4354

Square

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



42.4256, 0.3234, 0.2607



42.4256, 0.4273, 0.3836



42.4256, 0.2941, 0.4145



42.4256, 0.2093, 0.2604

Rectangle

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



42.4256, 0.3234, 0.2607



42.4256, 0.4110, 0.3238



42.4256, 0.2941, 0.4145



42.4256, 0.2224, 0.3224

Sweetspot

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



42.4275, 0.3234, 0.2607



86.0476, 0.3155, 0.3094



35.0916, 0.2643, 0.2400



17.9693, 0.3159, 0.3062



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.



42.4275, 0.3234, 0.2607



53.1489, 0.3261, 0.2468



40.8929, 0.3557, 0.2981



13.2469, 0.3156, 0.3086



11.2255, 0.3531, 0.1719



0.7349, 0.3471, 0.1686

Inverse Universe

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



42.4275, 0.3234, 0.2607



53.1489, 0.3261, 0.2468



61.7671, 0.2833, 0.3624



13.2469, 0.3156, 0.3086



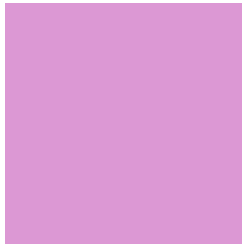
11.2255, 0.3531, 0.1719



0.7349, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 42.4256, 0.3234, 0.2607 looks on a white background.

Color Contrast Check

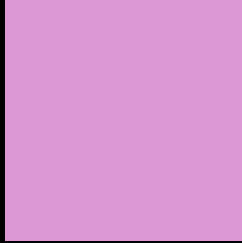
Large Text (above 18pt) WCAG AA × Fail

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 42.4256, 0.3234, 0.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

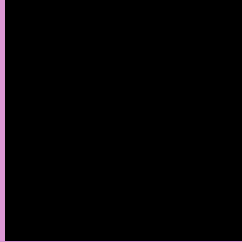
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4256, 0.3234, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 42.4256, 0.3234, 0.2607.



This preview shows how white text looks on a background with the Yxy color 42.4256, 0.3234, 0.2607.

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

42.4256, 0.3234, 0.2607

Protanopia

42.9068, 0.2626, 0.2602

Deuteranopia

42.8432, 0.2862, 0.2802



Tritanopia

42.5672, 0.3550, 0.3146

Trichromacy



Original Color

42.4256, 0.3234, 0.2607



Protanomaly

42.1293, 0.2820, 0.2587



Deuteranomaly

42.2804, 0.2986, 0.2721



Tritanomaly

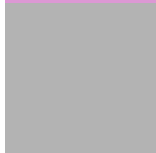
42.4535, 0.3431, 0.2934

Monochromacy



Original Color

42.4256, 0.3234, 0.2607



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.6069, 0.3167, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4256, 0.3234, 0.2607 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(220, 152, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 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(220, 152, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 212) }
```

Border

The CSS property to change the border of an element to Yxy 42.4256, 0.3234, 0.2607 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(220, 152, 212) }
```

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

```
.border{ border-color:rgb(220, 152, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 152, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 152, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 152, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 152,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4256, 0.3234, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 212) }
```

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

```
.background{ background-color: rgb(220,  
152, 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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