

Converting Colors

$Y_{xy}(42.0399, 0.3384, 0.2980)$

Have a look what the booklet for
Yxy(42.0399, 0.3384, 0.2980)
contains.

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Color

Yxy(42.0007, 0.3380, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	D29FB9
RGB	210, 159, 185
RGB Percent	82%, 62%, 73%
CMY	0.1765, 0.3765, 0.2745
CMYK	0.00, 0.24, 0.12, 0.18
HSL	329°, 36%, 72%
HSV	329°, 24%, 82%
XYZ	47.7345, 42.0007, 51.4911
YIQ	177.2130, 22.0500, 18.8980

Conversions

Conversions Part 2

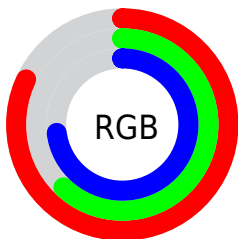
Format	Color
R _Y B	210, 159, 185
Decimal	13803449
CIE Lab	70.87, 22.99, -6.04
CIE LCh	71, 23.771, 345.278
Yxy	42.0007, 0.3380, 0.2974
Android (android.graphics.Color)	4291993529 (0xFFD29FB9)
YUV	177.2130, 3.8390, 28.7542
Hunter-Lab	64.8079, 18.0608, -1.7414

Details

The Yxy color **42.0007, 0.3380, 0.2974** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.9278, 0.2933, 0.3630**, and the grayscale version is **44.0561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7040, 0.3241, 0.3023**, and **19.1499, 0.3454, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **34.9637, 0.3521, 0.2838**, and if you desaturate by 10%, it is **50.2999, 0.3262, 0.3108**.

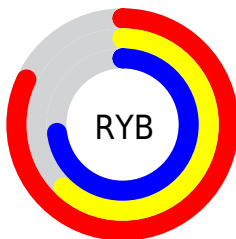
Distribution



Red (82%)

Green (62%)

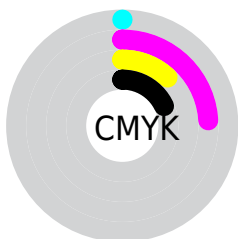
Blue (73%)



Red (82%)

Yellow (62%)

Blue (73%)

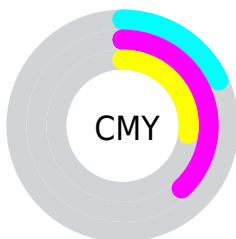


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0007, 0.3380, 0.2974 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 42.0007, 0.3380, 0.2974 by changing the saturation by 10% instead.


 42.0007, 0.3380,
0.2974


 42.0007, 0.3380,
0.2974


354.4858, 0.3253,
0.3131

 29.1018, 0.3412,
0.2935


 78.2007, 0.3334,
0.3031

 19.1579, 0.3453,
0.2885


 102.2706, 0.3317,
0.3052

 11.7844, 0.3507,
0.2820


130.8330, 0.3302,
0.3070

 6.5971, 0.3583,
0.2729

164.2722, 0.3289,
0.3086

 3.2114, 0.3698,
0.2594

202.9728, 0.3279,
0.3099

 1.2431, 0.3888,
0.2376

247.3189, 0.3269,

 0.0965, 0.5114,

0.3111

0.0756

297.6952, 0.3261,
0.3122

0.0000, 0.0000,
0.0000

42.0007, 0.3380,
0.2974

42.0007, 0.3380,
0.2974

34.9637, 0.3521,
0.2838

50.2999, 0.3262,
0.3108

29.1207, 0.3686,
0.2705

59.9140, 0.3164,
0.3237

24.4054, 0.3877,
0.2585

70.8994, 0.3083,
0.3358

20.7429, 0.4092,
0.2488

83.3076, 0.3016,
0.3471

18.0489, 0.4324,
0.2426

91.3063, 0.2959,
0.3483

■ 16.2260, 0.4566,
0.2412

■ 91.9237, 0.2904,
0.3375

■ 15.1562, 0.4803,
0.2452

■ 92.4424, 0.2860,
0.3289

■ 14.7651, 0.4936,
0.2493

Harmonies

Analogous

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



42.0007, 0.3030, 0.2793



42.0007, 0.3380, 0.2974



42.0007, 0.3672, 0.3232

Triad

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



42.0007, 0.3380, 0.2974



42.0007, 0.3523, 0.3899



42.0007, 0.2489, 0.3004

Complementary

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



42.0007, 0.3380, 0.2974



56.9278, 0.2933, 0.3630

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.



42.0007, 0.2606, 0.3314



42.0007, 0.3380, 0.2974



42.0007, 0.3194, 0.3860

Square

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



42.0007, 0.3380, 0.2974



42.0007, 0.3752, 0.3763



42.0007, 0.2860, 0.3639



42.0007, 0.2531, 0.2796

Rectangle

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



42.0007, 0.3380, 0.2974



42.0007, 0.3785, 0.3422



42.0007, 0.2860, 0.3639



42.0007, 0.2511, 0.3099

Sweetspot

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



42.0026, 0.3380, 0.2974



88.5844, 0.3189, 0.3202



39.5984, 0.2922, 0.2646



18.7607, 0.3195, 0.3194



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.



42.0026, 0.3380, 0.2974



59.4293, 0.3448, 0.2905



41.0326, 0.3623, 0.3281



11.9074, 0.3212, 0.3172



9.0264, 0.4904, 0.2475



0.5207, 0.4510, 0.2258

Inverse Universe

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



42.0026, 0.3380, 0.2974



59.4293, 0.3448, 0.2905



58.0780, 0.2777, 0.3300



11.9074, 0.3212, 0.3172



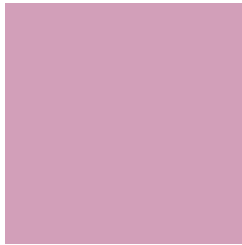
9.0264, 0.4904, 0.2475



0.5207, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 42.0007, 0.3380, 0.2974 looks on a white background.

Color Contrast Check

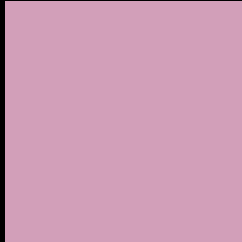
Large Text (above 18pt) WCAG AA × Fail

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 42.0007, 0.3380, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

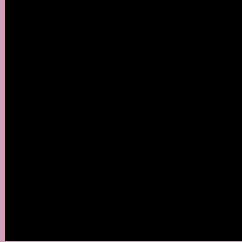
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0007, 0.3380, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 42.0007, 0.3380, 0.2974.



This preview shows how white text looks on a background with the Yxy color 42.0007, 0.3380, 0.2974.

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

42.0007, 0.3380, 0.2974

Protanopia

42.0132, 0.2950, 0.3010

Deuteranopia

42.2339, 0.3163, 0.3108



Tritanopia

42.0622, 0.3480, 0.3143

Trichromacy



Original Color

42.0007, 0.3380, 0.2974

Protanomaly

41.6694, 0.3096, 0.2992

Deuteranomaly

41.9731, 0.3240, 0.3049

Tritanomaly

41.8712, 0.3444, 0.3081

Monochromacy



Original Color

42.0007, 0.3380, 0.2974

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8636, 0.3215, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0007, 0.3380, 0.2974 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(210, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(210, 159, 185)  
}
```

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(210, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 159, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.0007, 0.3380, 0.2974 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(210, 159, 185) }
```

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

```
.border{ border-color:rgb(210, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(210, 159,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0007, 0.3380, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 159, 185) }
```

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

```
.background{ background-color: rgb(210,  
159, 185) }
```

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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