

Converting Colors

$Y_{xy}(41.8087, 0.3472, 0.2944)$

Have a look what the booklet for
Yxy(41.8087, 0.3472, 0.2944)
contains.

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Color

Yxy(41.8088, 0.3473, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	DA9BB8
RGB	218, 155, 184
RGB Percent	85%, 61%, 72%
CMY	0.1451, 0.3921, 0.2784
CMYK	0.00, 0.29, 0.16, 0.15
HSL	332°, 46%, 73%
HSV	332°, 29%, 85%
XYZ	49.2878, 41.8088, 50.8205
YIQ	177.1430, 28.2390, 22.3750

Conversions

Conversions Part 2

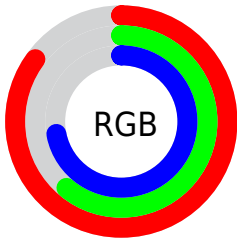
Format	Color
R _Y B	218, 155, 184
Decimal	14326712
CIE Lab	70.74, 27.83, -5.59
CIE LCh	71, 28.383, 348.642
Yxy	41.8088, 0.3473, 0.2946
Android (android.graphics.Color)	4292516792 (0xFFDA9BB8)
YUV	177.1430, 3.3805, 35.8316
Hunter-Lab	64.6597, 22.9098, -1.3383

Details

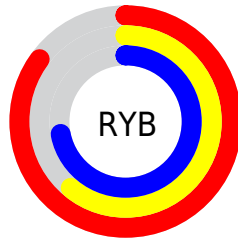
The Yxy color **41.8088, 0.3473, 0.2946** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.7891, 0.2879, 0.3664**, and the grayscale version is **44.0175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6445, 0.3251, 0.2993**, and **19.0206, 0.3572, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **34.7244, 0.3642, 0.2823**, and if you desaturate by 10%, it is **50.2479, 0.3332, 0.3070**.

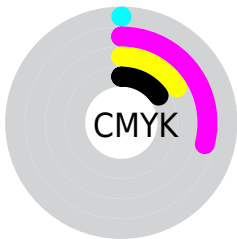
Distribution



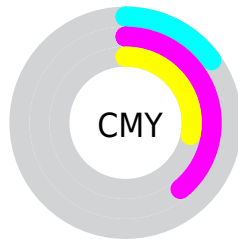
- Red (85%)
- Green (61%)
- Blue (72%)



- Red (85%)
- Yellow (61%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8088, 0.3473, 0.2946 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 41.8088, 0.3473, 0.2946 by changing the saturation by 10% instead.


 41.8088, 0.3473,
0.2946


 41.8088, 0.3473,
0.2946


353.6897, 0.3299,
0.3117

 28.9516, 0.3517,
0.2904


 77.9102, 0.3410,
0.3008

 19.0442, 0.3573,
0.2850


 101.9231, 0.3386,
0.3031

 11.7022, 0.3648,
0.2778

130.4235, 0.3366,
0.3051

 6.5413, 0.3754,
0.2679

163.7956, 0.3349,
0.3068

 3.1769, 0.3913,
0.2533

202.4239, 0.3334,
0.3082

 1.2248, 0.4177,
0.2297

246.6927, 0.3321,

 0.0818, 0.5741,

0.3095

0.0620

296.9866, 0.3309,
0.3107

0.0000, 0.0000,
0.0000

41.8088, 0.3473,
0.2946

41.8088, 0.3473,
0.2946

34.7244, 0.3642,
0.2823

50.2479, 0.3332,
0.3070

28.9176, 0.3840,
0.2707

60.1023, 0.3214,
0.3189

24.3120, 0.4068,
0.2607

71.4356, 0.3117,
0.3302

20.8209, 0.4322,
0.2536

84.3060, 0.3038,
0.3407

18.3454, 0.4592,
0.2507

92.8873, 0.2971,
0.3414

■ 16.7693, 0.4864,
0.2529

■ 93.6205, 0.2908,
0.3293

■ 15.9106, 0.5124,
0.2603

■ 93.6464, 0.2906,
0.3289

■ 15.8332, 0.5152,
0.2612

Harmonies

Analogous

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



41.8088, 0.3055, 0.2722



41.8088, 0.3473, 0.2946



41.8088, 0.3809, 0.3254

Triad

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



41.8088, 0.3473, 0.2946



41.8088, 0.3555, 0.4026



41.8088, 0.2369, 0.2909

Complementary

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



41.8088, 0.3473, 0.2946



60.7891, 0.2879, 0.3664

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.



41.8088, 0.2484, 0.3269



41.8088, 0.3473, 0.2946



41.8088, 0.3156, 0.3960

Square

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



41.8088, 0.3473, 0.2946



41.8088, 0.3850, 0.3875



41.8088, 0.2766, 0.3670



41.8088, 0.2439, 0.2684

Rectangle

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



41.8088, 0.3473, 0.2946



41.8088, 0.3929, 0.3478



41.8088, 0.2766, 0.3670



41.8088, 0.2387, 0.3017

Sweetspot

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



41.8107, 0.3473, 0.2946



85.4491, 0.3216, 0.3187



39.2741, 0.2900, 0.2516



17.8214, 0.3232, 0.3170



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.



41.8107, 0.3473, 0.2946



52.9384, 0.3578, 0.2867



41.4217, 0.3757, 0.3317



13.1507, 0.3220, 0.3183



9.5064, 0.5117, 0.2592



0.6331, 0.4726, 0.2377

Inverse Universe

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



41.8107, 0.3473, 0.2946



52.9384, 0.3578, 0.2867



61.0946, 0.2708, 0.3263



13.1507, 0.3220, 0.3183



9.5064, 0.5117, 0.2592



0.6331, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 41.8088, 0.3473, 0.2946 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 41.8088, 0.3473, 0.2946 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 41.8088, 0.3473, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 41.8088, 0.3473, 0.2946.



This preview shows how white text looks on a background with the Yxy color 41.8088, 0.3473, 0.2946.

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

41.8088, 0.3473, 0.2946

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

41.9475, 0.3181, 0.3108



Tritanopia

41.6152, 0.3587, 0.3134

Trichromacy



Original Color

41.8088, 0.3473, 0.2946

Protanomaly

41.5988, 0.3106, 0.2968

Deuteranomaly

41.6190, 0.3279, 0.3038

Tritanomaly

41.6238, 0.3549, 0.3063

Monochromacy



Original Color

41.8088, 0.3473, 0.2946

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8777, 0.3243, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8088, 0.3473, 0.2946 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, 155, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 155, 184)  
}
```

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, 155, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 155, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.8088, 0.3473, 0.2946 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, 155, 184) }
```

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

```
.border{ border-color:rgb(218, 155, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 155, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 155, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 155, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 155,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8088, 0.3473, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 155, 184) }
```

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

```
.background{ background-color: rgb(218,  
155, 184) }
```

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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