

Converting Colors

$Yxy(42.7188, 0.3572, 0.3123)$

Have a look what the booklet for
Yxy(42.7188, 0.3572, 0.3123)
contains.

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Color

Yxy(42.7188, 0.3572, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	DA9FAD
RGB	218, 159, 173
RGB Percent	85%, 62%, 68%
CMY	0.1450, 0.3765, 0.3215
CMYK	0.00, 0.27, 0.21, 0.14
HSL	346°, 44%, 74%
HSV	346°, 27%, 86%
XYZ	48.8606, 42.7188, 45.2083
YIQ	178.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

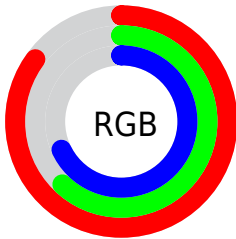
Format	Color
R _Y B	218, 159, 173
Decimal	14327725
CIE Lab	71.36, 23.97, 1.42
CIE LCh	71, 24.012, 3.396
Yxy	42.7188, 0.3572, 0.3123
Android (android.graphics.Color)	4292517805 (0xFFDA9FAD)
YUV	178.2370, -2.5818, 34.8722
Hunter-Lab	65.3596, 19.0610, 4.7417

Details

The Yxy color **42.7188, 0.3572, 0.3123** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.8870, 0.2815, 0.3465**, and the grayscale version is **44.6563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9546, 0.3332, 0.3150**, and **19.5772, 0.3700, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **35.2682, 0.3810, 0.3059**, and if you desaturate by 10%, it is **51.5759, 0.3378, 0.3187**.

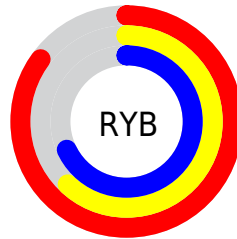
Distribution



Red (85%)

Green (62%)

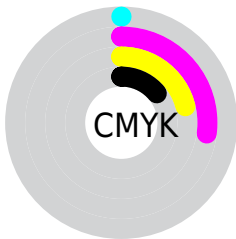
Blue (68%)



Red (85%)

Yellow (62%)

Blue (68%)

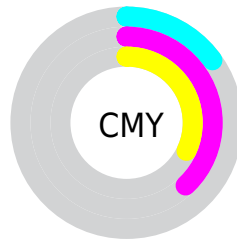


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (14%)



Cyan (15%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7188, 0.3572, 0.3123 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 42.7188, 0.3572, 0.3123 by changing the saturation by 10% instead.


 42.7188, 0.3572,
0.3123


 42.7188, 0.3572,
0.3123


357.4541, 0.3346,
0.3209

 29.6645, 0.3630,
0.3101


 79.2863, 0.3489,
0.3155

 19.5841, 0.3704,
0.3072


 103.5684, 0.3458,
0.3166

 12.0931, 0.3805,
0.3033


132.3619, 0.3432,
0.3176

 6.8071, 0.3948,
0.2977

166.0512, 0.3410,
0.3185

 3.3418, 0.4166,
0.2891

205.0206, 0.3390,
0.3192

 1.3127, 0.4537,
0.2740

249.6547, 0.3374,

 0.1510, 0.7714,

0.3198

0.1598

300.3377, 0.3359,
0.3204

0.0000, 0.0000,
0.0000

42.7188, 0.3572,
0.3123

42.7188, 0.3572,
0.3123

35.2682, 0.3810,
0.3059

51.5759, 0.3378,
0.3187

29.1458, 0.4096,
0.2999

61.9008, 0.3220,
0.3249

24.2745, 0.4432,
0.2950

73.7583, 0.3093,
0.3306

20.5672, 0.4810,
0.2922

87.2074, 0.2989,
0.3359

17.9250, 0.5208,
0.2927

93.6495, 0.2906,
0.3289

■ 16.2327, 0.5590,
0.2970

■ 15.3395, 0.5911,
0.3051

■ 15.1552, 0.5993,
0.3075

Harmonies

Analogous

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



42.7188, 0.3243, 0.2889



42.7188, 0.3572, 0.3123



42.7188, 0.3781, 0.3405

Triad

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



42.7188, 0.3572, 0.3123



42.7188, 0.3331, 0.3901



42.7188, 0.2493, 0.2861

Complementary

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



42.7188, 0.3572, 0.3123



61.8870, 0.2815, 0.3465

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.



42.7188, 0.2514, 0.3117



42.7188, 0.3572, 0.3123



42.7188, 0.2986, 0.3747

Square

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



42.7188, 0.3572, 0.3123



42.7188, 0.3632, 0.3865



42.7188, 0.2690, 0.3448



42.7188, 0.2629, 0.2734

Rectangle

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



42.7188, 0.3572, 0.3123



42.7188, 0.3817, 0.3591



42.7188, 0.2690, 0.3448



42.7188, 0.2482, 0.2934

Sweetspot

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



42.7208, 0.3572, 0.3123



86.7061, 0.3234, 0.3243



42.5914, 0.3029, 0.2592



18.0577, 0.3257, 0.3234



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.



42.7208, 0.3572, 0.3123



55.1408, 0.3690, 0.3089



47.5886, 0.3664, 0.3469



13.1019, 0.3255, 0.3235



9.0911, 0.5958, 0.3056



0.6024, 0.5493, 0.2800

Inverse Universe

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



42.7208, 0.3572, 0.3123



55.1408, 0.3690, 0.3089



55.2722, 0.2716, 0.3103



13.1019, 0.3255, 0.3235



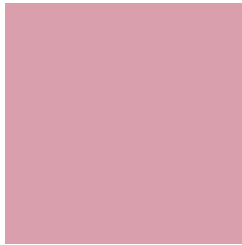
9.0911, 0.5958, 0.3056



0.6024, 0.5493, 0.2800

Previews

White Background



This preview shows how the Yxy color 42.7188, 0.3572, 0.3123 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 42.7188, 0.3572, 0.3123 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 42.7188, 0.3572, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 42.7188, 0.3572, 0.3123.



This preview shows how white text looks on a background with the Yxy color 42.7188, 0.3572, 0.3123.

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

42.7188, 0.3572, 0.3123

Protanopia

42.8796, 0.3080, 0.3183

Deuteranopia

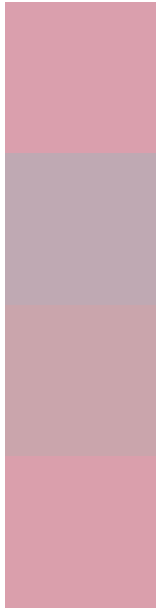
42.6537, 0.3332, 0.3265



Tritanopia

42.6420, 0.3591, 0.3147

Trichromacy



Original Color

42.7188, 0.3572, 0.3123

Protanomaly

42.7070, 0.3243, 0.3161

Deuteranomaly

42.4454, 0.3415, 0.3202

Tritanomaly

42.6803, 0.3582, 0.3135

Monochromacy



Original Color

42.7188, 0.3572, 0.3123

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.5979, 0.3285, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7188, 0.3572, 0.3123 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, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(218, 159, 173)  
}
```

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, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 159, 173) }
```

Border

The CSS property to change the border of an element to Yxy 42.7188, 0.3572, 0.3123 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, 159, 173) }
```

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

```
.border{ border-color:rgb(218, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(218, 159,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7188, 0.3572, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 159, 173) }
```

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

```
.background{ background-color: rgb(218,  
159, 173) }
```

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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