

Converting Colors

$Y_{xy}(42.5513, 0.3488, 0.3119)$

Have a look what the booklet for
Yxy(42.5513, 0.3488, 0.3119)
contains.

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Color

Yxy(42.5819, 0.3490, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	D4A1AF
RGB	212, 161, 175
RGB Percent	83%, 63%, 69%
CMY	0.1687, 0.3686, 0.3137
CMYK	0.00, 0.24, 0.17, 0.17
HSL	344°, 37%, 73%
HSV	344°, 24%, 83%
XYZ	47.6317, 42.5819, 46.2669
YIQ	177.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

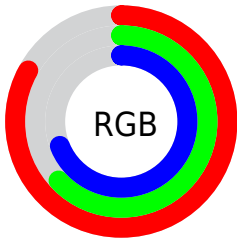
Format	Color
R _Y B	212, 161, 175
Decimal	13935023
CIE Lab	71.27, 20.99, 0.11
CIE LCh	71, 20.986, 0.288
Yxy	42.5819, 0.3490, 0.3120
Android (android.graphics.Color)	4292125103 (0xFFD4A1AF)
YUV	177.8450, -1.4026, 29.9539
Hunter-Lab	65.2548, 16.0972, 3.6407

Details

The Yxy color **42.5819, 0.3490, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7365, 0.2859, 0.3468**, and the grayscale version is **44.4327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0849, 0.3316, 0.3151**, and **19.5354, 0.3598, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **35.2212, 0.3701, 0.3045**, and if you desaturate by 10%, it is **51.2713, 0.3317, 0.3193**.

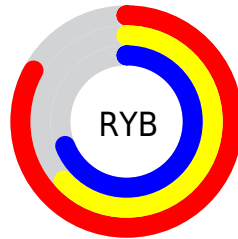
Distribution



Red (83%)

Green (63%)

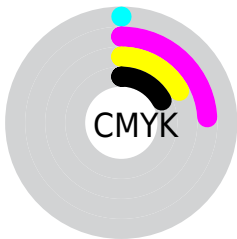
Blue (69%)



Red (83%)

Yellow (63%)

Blue (69%)

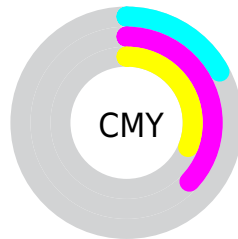


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5819, 0.3490, 0.3120 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 42.5819, 0.3490, 0.3120 by changing the saturation by 10% instead.


 42.5819, 0.3490,
0.3120


 42.5819, 0.3490,
0.3120


356.8895, 0.3306,
0.3207

 29.5572, 0.3537,
0.3098


 79.0796, 0.3422,
0.3152

 19.5027, 0.3598,
0.3069


 103.3213, 0.3397,
0.3164

 12.0341, 0.3680,
0.3031


132.0708, 0.3376,
0.3174

 6.7669, 0.3796,
0.2976

165.7126, 0.3358,
0.3182

 3.3168, 0.3974,
0.2893

204.6309, 0.3342,
0.3189

 1.2993, 0.4277,
0.2749

249.2103, 0.3328,

 0.1406, 0.6929,

0.3196

0.1508

299.8350, 0.3316,
0.3201

0.0000, 0.0000,
0.0000

42.5819, 0.3490,
0.3120

42.5819, 0.3490,
0.3120

35.2212, 0.3701,
0.3045

51.2713, 0.3317,
0.3193

29.1179, 0.3957,
0.2973

61.3448, 0.3176,
0.3263

24.2027, 0.4259,
0.2911

72.8614, 0.3062,
0.3328

20.3970, 0.4605,
0.2868

85.8752, 0.2969,
0.3388

17.6130, 0.4980,
0.2855

92.5376, 0.2888,
0.3321

■ 15.7492, 0.5356,
0.2882

■ 92.7354, 0.2872,
0.3289

■ 14.6829, 0.5696,
0.2954

■ 14.3028, 0.5873,
0.3009

Harmonies

Analogous

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



42.5819, 0.3197, 0.2919



42.5819, 0.3490, 0.3120



42.5819, 0.3686, 0.3368

Triad

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



42.5819, 0.3490, 0.3120



42.5819, 0.3338, 0.3826



42.5819, 0.2564, 0.2934

Complementary

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



42.5819, 0.3490, 0.3120



58.7365, 0.2859, 0.3468

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.



42.5819, 0.2598, 0.3170



42.5819, 0.3490, 0.3120



42.5819, 0.3036, 0.3708

Square

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



42.5819, 0.3490, 0.3120



42.5819, 0.3592, 0.3783



42.5819, 0.2767, 0.3459



42.5819, 0.2670, 0.2807

Rectangle

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



42.5819, 0.3490, 0.3120



42.5819, 0.3730, 0.3533



42.5819, 0.2767, 0.3459



42.5819, 0.2559, 0.3002

Sweetspot

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



42.5838, 0.3490, 0.3120



88.3290, 0.3216, 0.3243



42.1901, 0.3027, 0.2672



18.7016, 0.3224, 0.3238



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.



42.5838, 0.3490, 0.3120



58.5615, 0.3596, 0.3081



46.0951, 0.3594, 0.3427



12.4763, 0.3248, 0.3226



8.8455, 0.5837, 0.2989



0.5475, 0.5336, 0.2713

Inverse Universe

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



42.5838, 0.3490, 0.3120



58.5615, 0.3596, 0.3081



54.0779, 0.2763, 0.3149



12.4763, 0.3248, 0.3226



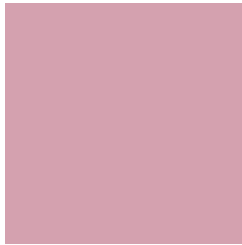
8.8455, 0.5837, 0.2989



0.5475, 0.5336, 0.2713

Previews

White Background



This preview shows how the Yxy color 42.5819, 0.3490, 0.3120 looks on a white background.

Color Contrast Check

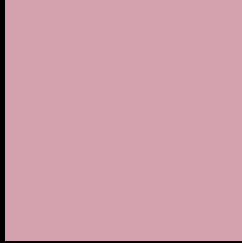
Large Text (above 18pt) WCAG AA × Fail

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 42.5819, 0.3490, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

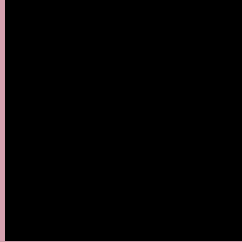
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5819, 0.3490, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 42.5819, 0.3490, 0.3120.



This preview shows how white text looks on a background with the Yxy color 42.5819, 0.3490, 0.3120.

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

42.5819, 0.3490, 0.3120

Protanopia

42.8796, 0.3080, 0.3183

Deuteranopia

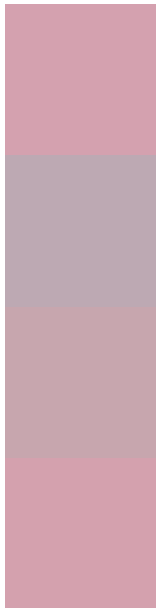
42.5995, 0.3305, 0.3239



Tritanopia

42.5428, 0.3500, 0.3132

Trichromacy



Original Color

42.5819, 0.3490, 0.3120

Protanomaly

42.4494, 0.3224, 0.3160

Deuteranomaly

42.4705, 0.3366, 0.3189

Tritanomaly

42.5428, 0.3500, 0.3132

Monochromacy



Original Color

42.5819, 0.3490, 0.3120

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6265, 0.3248, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5819, 0.3490, 0.3120 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(212, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(212, 161, 175)  
}
```

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(212, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 161, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.5819, 0.3490, 0.3120 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(212, 161, 175) }
```

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

```
.border{ border-color:rgb(212, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(212, 161,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5819, 0.3490, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 161, 175) }
```

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

```
.background{ background-color: rgb(212,  
161, 175) }
```

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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