

Converting Colors

$Y_{xy}(41.9735, 0.3593, 0.3021)$

Have a look what the booklet for
Yxy(41.9735, 0.3593, 0.3021)
contains.

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Color

Yxy(41.9735, 0.3593, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	DF9AB1
RGB	223, 154, 177
RGB Percent	87%, 60%, 69%
CMY	0.1255, 0.3960, 0.3060
CMYK	0.00, 0.31, 0.21, 0.13
HSL	340°, 52%, 74%
HSV	340°, 31%, 87%
XYZ	49.9208, 41.9735, 47.0448
YIQ	177.2530, 33.7410, 21.7810

Conversions

Conversions Part 2

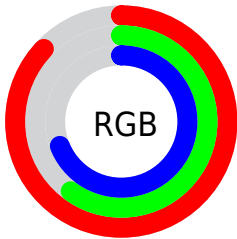
Format	Color
R _Y B	223, 154, 177
Decimal	14654129
CIE Lab	70.85, 29.05, -1.45
CIE LCh	71, 29.086, 357.138
Yxy	41.9735, 0.3593, 0.3021
Android (android.graphics.Color)	4292844209 (0xFFDF9AB1)
YUV	177.2530, -0.1247, 40.1201
Hunter-Lab	64.7870, 24.1639, 2.2977

Details

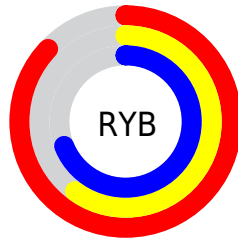
The Yxy color **41.9735, 0.3593, 0.3021** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.8217, 0.2812, 0.3579**, and the grayscale version is **44.0940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7441, 0.3302, 0.3050**, and **19.1989, 0.3729, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **34.7236, 0.3814, 0.2932**, and if you desaturate by 10%, it is **50.6595, 0.3410, 0.3112**.

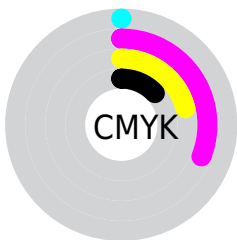
Distribution



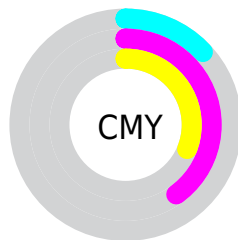
- Red (87%)
- Green (60%)
- Blue (69%)



- Red (87%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (13%)




- Cyan (13%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9735, 0.3593, 0.3021 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 41.9735, 0.3593, 0.3021 by changing the saturation by 10% instead.


 41.9735, 0.3593,
0.3021


 41.9735, 0.3593,
0.3021

354.3731, 0.3357,
0.3157

 29.0805, 0.3653,
0.2987


 78.1595, 0.3506,
0.3071

 19.1418, 0.3731,
0.2943


 102.2214, 0.3474,
0.3089

 11.7728, 0.3835,
0.2883

130.7750, 0.3447,
0.3105

 6.5891, 0.3983,
0.2800

164.2047, 0.3424,
0.3118

 3.2065, 0.4208,
0.2675

202.8950, 0.3403,
0.3130

 1.2405, 0.4588,
0.2466

247.2302, 0.3386,

 0.0944, 0.7278,

0.3140

0.0860

297.5948, 0.3370,
0.3149

0.0000, 0.0000,
0.0000

41.9735, 0.3593,
0.3021

41.9735, 0.3593,
0.3021

34.7236, 0.3814,
0.2932

50.6595, 0.3410,
0.3112

28.8259, 0.4077,
0.2850

60.8476, 0.3260,
0.3200

24.1971, 0.4380,
0.2786

72.6069, 0.3137,
0.3283

20.7418, 0.4716,
0.2751

86.0005, 0.3038,
0.3360

18.3511, 0.5066,
0.2758

94.1973, 0.2954,
0.3326

■ 16.8955, 0.5402,
0.2814

■ 94.4289, 0.2935,
0.3289

■ 16.1858, 0.5674,
0.2899

Harmonies

Analogous

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



41.9735, 0.3174, 0.2763



41.9735, 0.3593, 0.3021



41.9735, 0.3890, 0.3349

Triad

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



41.9735, 0.3593, 0.3021



41.9735, 0.3454, 0.4050



41.9735, 0.2354, 0.2818

Complementary

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



41.9735, 0.3593, 0.3021



63.8217, 0.2812, 0.3579

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.



41.9735, 0.2417, 0.3153



41.9735, 0.3593, 0.3021



41.9735, 0.3037, 0.3913

Square

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



41.9735, 0.3593, 0.3021



41.9735, 0.3798, 0.3950



41.9735, 0.2661, 0.3567



41.9735, 0.2477, 0.2637

Rectangle

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



41.9735, 0.3593, 0.3021



41.9735, 0.3967, 0.3576



41.9735, 0.2661, 0.3567



41.9735, 0.2354, 0.2915

Sweetspot

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



41.9755, 0.3593, 0.3021



85.2739, 0.3235, 0.3215



40.7221, 0.2960, 0.2475



17.7784, 0.3254, 0.3203



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.



41.9755, 0.3593, 0.3021



50.4350, 0.3728, 0.2964



45.1159, 0.3786, 0.3429



13.7754, 0.3240, 0.3212



9.5352, 0.5634, 0.2878



0.6771, 0.5199, 0.2638

Inverse Universe

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



41.9755, 0.3593, 0.3021



50.4350, 0.3728, 0.2964



59.0391, 0.2668, 0.3146



13.7754, 0.3240, 0.3212



9.5352, 0.5634, 0.2878



0.6771, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 41.9735, 0.3593, 0.3021 looks on a white background.

Color Contrast Check

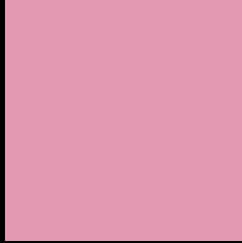
Large Text (above 18pt) WCAG AA × Fail

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 41.9735, 0.3593, 0.3021 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 41.9735, 0.3593, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 41.9735, 0.3593, 0.3021.



This preview shows how white text looks on a background with the Yxy color 41.9735, 0.3593, 0.3021.

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

41.9735, 0.3593, 0.3021

Protanopia

42.4022, 0.3006, 0.3090

Deuteranopia

42.0084, 0.3279, 0.3212



Tritanopia

42.0965, 0.3678, 0.3161

Trichromacy



Original Color

41.9735, 0.3593, 0.3021

Protanomaly

41.8095, 0.3202, 0.3059

Deuteranomaly

41.8461, 0.3390, 0.3139

Tritanomaly

41.9126, 0.3641, 0.3102

Monochromacy



Original Color

41.9735, 0.3593, 0.3021

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0196, 0.3288, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9735, 0.3593, 0.3021 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(223, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(223, 154, 177)  
}
```

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(223, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 154, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.9735, 0.3593, 0.3021 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(223, 154, 177) }
```

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

```
.border{ border-color:rgb(223, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(223, 154,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9735, 0.3593, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 154, 177) }
```

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

```
.background{ background-color: rgb(223,  
154, 177) }
```

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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