

Converting Colors

$Y_{xy}(41.5759, 0.3423, 0.2942)$

Have a look what the booklet for
Yxy(41.5759, 0.3423, 0.2942)
contains.

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Color

Yxy(41.5759, 0.3423, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	D69CB9
RGB	214, 156, 185
RGB Percent	84%, 61%, 73%
CMY	0.1608, 0.3882, 0.2745
CMYK	0.00, 0.27, 0.14, 0.16
HSL	330°, 41%, 73%
HSV	330°, 27%, 84%
XYZ	48.3733, 41.5759, 51.3693
YIQ	176.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

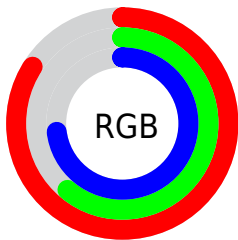
Format	Color
R _Y B	214, 156, 185
Decimal	14064825
CIE Lab	70.58, 26.02, -6.42
CIE LCh	71, 26.804, 346.132
Yxy	41.5759, 0.3423, 0.2942
Android (android.graphics.Color)	4292254905 (0xFFD69CB9)
YUV	176.6480, 4.1175, 32.7577
Hunter-Lab	64.4794, 21.0743, -2.0994

Details

The Yxy color $41.5759, 0.3423, 0.2942$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.6590, 0.2908, 0.3667$, and the grayscale version is $43.7410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.1994, 0.3244, 0.2993$, and $18.8357, 0.3502, 0.2841$ is the 20% darker color. If you saturate the color by 10%, you get $34.5819, 0.3574, 0.2808$, and if you desaturate by 10%, it is $49.8728, 0.3296, 0.3075$.

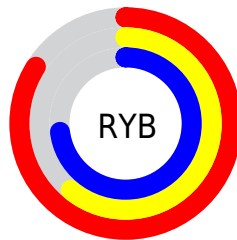
Distribution



Red (84%)

Green (61%)

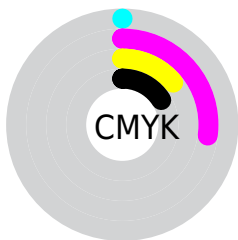
Blue (73%)



Red (84%)

Yellow (61%)

Blue (73%)

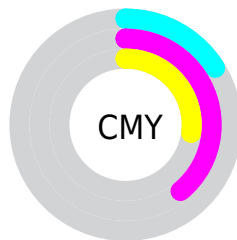


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5759, 0.3423, 0.2942 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 41.5759, 0.3423, 0.2942 by changing the saturation by 10% instead.


 41.5759, 0.3423,
0.2942


 41.5759, 0.3423,
0.2942

352.7219, 0.3275,
0.3115

 28.7694, 0.3460,
0.2899

 77.5574, 0.3369,
0.3004

 18.9064, 0.3508,
0.2845


 101.5011, 0.3349,
0.3028

 11.6027, 0.3572,
0.2773


129.9260, 0.3332,
0.3048

 6.4737, 0.3662,
0.2673

163.2164, 0.3317,
0.3065

 3.1352, 0.3796,
0.2525

201.7568, 0.3304,
0.3080

 1.2027, 0.4019,
0.2288

245.9316, 0.3293,

 0.0639, 0.5443,

0.3093

0.0500

296.1252, 0.3283,
0.3104

0.0000, 0.0000,
0.0000

41.5759, 0.3423,
0.2942

41.5759, 0.3423,
0.2942

34.5819, 0.3574,
0.2808

49.8728, 0.3296,
0.3075

28.8180, 0.3751,
0.2681

59.5292, 0.3191,
0.3203

24.2128, 0.3954,
0.2568

70.6051, 0.3103,
0.3324

20.6855, 0.4180,
0.2482

83.1554, 0.3031,
0.3437

18.1442, 0.4423,
0.2435

92.0169, 0.2971,
0.3461

■ 16.4819, 0.4671,
0.2439

■ 92.6667, 0.2913,
0.3349

■ 15.5567, 0.4911,
0.2496

■ 93.0342, 0.2883,
0.3289

■ 15.3550, 0.4981,
0.2517

Harmonies

Analogous

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



41.5759, 0.3027, 0.2737



41.5759, 0.3423, 0.2942



41.5759, 0.3752, 0.3231

Triad

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



41.5759, 0.3423, 0.2942



41.5759, 0.3562, 0.3981



41.5759, 0.2410, 0.2955

Complementary

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



41.5759, 0.3423, 0.2942



58.6590, 0.2908, 0.3667

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.



41.5759, 0.2534, 0.3304



41.5759, 0.3423, 0.2942



41.5759, 0.3189, 0.3935

Square

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



41.5759, 0.3423, 0.2942



41.5759, 0.3828, 0.3827



41.5759, 0.2814, 0.3677



41.5759, 0.2461, 0.2728

Rectangle

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



41.5759, 0.3423, 0.2942



41.5759, 0.3876, 0.3444



41.5759, 0.2814, 0.3677



41.5759, 0.2432, 0.3061

Sweetspot

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



41.5778, 0.3423, 0.2942



87.0281, 0.3200, 0.3191



38.9498, 0.2901, 0.2566



18.1385, 0.3215, 0.3172



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.



41.5778, 0.3423, 0.2942



55.1289, 0.3514, 0.2858



40.4761, 0.3710, 0.3292



12.5233, 0.3214, 0.3174



9.3034, 0.4948, 0.2499



0.5778, 0.4567, 0.2290

Inverse Universe

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



41.5778, 0.3423, 0.2942



55.1289, 0.3514, 0.2858



60.0103, 0.2734, 0.3289



12.5233, 0.3214, 0.3174



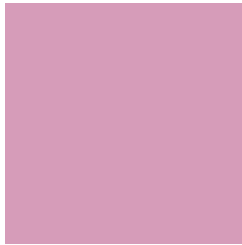
9.3034, 0.4948, 0.2499



0.5778, 0.4567, 0.2290

Previews

White Background



This preview shows how the Yxy color 41.5759, 0.3423, 0.2942 looks on a white background.

Color Contrast Check

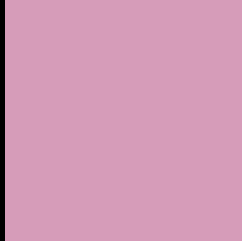
Large Text (above 18pt) WCAG AA × Fail

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 41.5759, 0.3423, 0.2942 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 41.5759, 0.3423, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 41.5759, 0.3423, 0.2942.



This preview shows how white text looks on a background with the Yxy color 41.5759, 0.3423, 0.2942.

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

41.5759, 0.3423, 0.2942

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

41.7384, 0.3155, 0.3094



Tritanopia

41.3910, 0.3535, 0.3132

Trichromacy



Original Color

41.5759, 0.3423, 0.2942

Protanomaly

41.4731, 0.3097, 0.2967

Deuteranomaly

41.7474, 0.3251, 0.3036

Tritanomaly

41.3947, 0.3498, 0.3060

Monochromacy



Original Color

41.5759, 0.3423, 0.2942

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6184, 0.3225, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5759, 0.3423, 0.2942 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(214, 156, 185)` looks like.

```
.text, #text, p{  
    color:rgb(214, 156, 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(214, 156, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 156, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.5759, 0.3423, 0.2942 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(214, 156, 185) }
```

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

```
.border{ border-color:rgb(214, 156, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 156, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 156, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 156, 185);  
box-shadow:4px 4px 4px 4px rgb(214, 156,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5759, 0.3423, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 156, 185) }
```

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

```
.background{ background-color: rgb(214,  
156, 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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