

Converting Colors

Yxy(41.6969, 0.3347, 0.2706)

Have a look what the booklet for
Yxy(41.6969, 0.3347, 0.2706)
contains.

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Color

Yxy(41.8799, 0.3354, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	DE97C9
RGB	222, 151, 201
RGB Percent	87%, 59%, 79%
CMY	0.1294, 0.4078, 0.2116
CMYK	0.00, 0.32, 0.09, 0.13
HSL	318°, 52%, 73%
HSV	318°, 32%, 87%
XYZ	51.7367, 41.8799, 60.6372
YIQ	177.9290, 26.2660, 30.6020

Conversions

Conversions Part 2

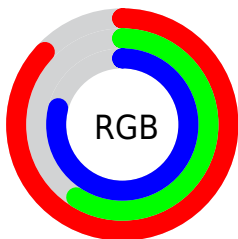
Format	Color
R _Y B	222, 151, 201
Decimal	14587849
CIE Lab	70.79, 34.16, -14.91
CIE LCh	71, 37.274, 336.417
Yxy	41.8799, 0.3354, 0.2715
Android (android.graphics.Color)	4292777929 (0xFFDE97C9)
YUV	177.9290, 11.3740, 38.6503
Hunter-Lab	64.7147, 29.4527, -10.2540

Details

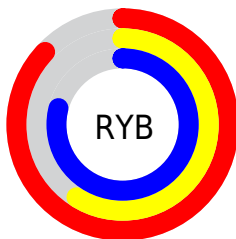
The Yxy color **41.8799, 0.3354, 0.2715** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.7994, 0.2958, 0.3946**, and the grayscale version is **44.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **19.1373, 0.3414, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **35.0944, 0.3449, 0.2535**, and if you desaturate by 10%, it is **50.0277, 0.3271, 0.2899**.

Distribution



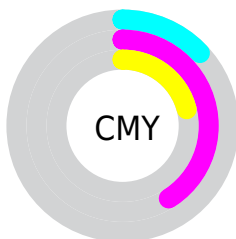
- Red (87%)
- Green (59%)
- Blue (79%)



- Red (87%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8799, 0.3354, 0.2715 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 41.8799, 0.3354, 0.2715 by changing the saturation by 10% instead.


 41.8799, 0.3354,
0.2715


 41.8799, 0.3354,
0.2715


353.9848, 0.3245,
0.2993

 29.0073, 0.3380,
0.2648


 78.0178, 0.3315,
0.2814

 19.0863, 0.3412,
0.2564


 102.0519, 0.3301,
0.2852

 11.7327, 0.3454,
0.2456


130.5753, 0.3288,
0.2884

 6.5619, 0.3509,
0.2309

163.9723, 0.3277,
0.2912

 3.1897, 0.3587,
0.2102

202.6273, 0.3268,
0.2936

 1.2315, 0.3701,
0.1789

246.9249, 0.3259,

 0.0872, 0.4266,

0.2958

0.0405

297.2492, 0.3252,
0.2976

0.0000, 0.0000,
0.0000

41.8799, 0.3354,
0.2715

41.8799, 0.3354,
0.2715

35.0944, 0.3449,
0.2535

50.0277, 0.3271,
0.2899

29.5896, 0.3555,
0.2369

59.6021, 0.3199,
0.3081

25.2841, 0.3672,
0.2226

70.6701, 0.3138,
0.3256

22.0847, 0.3795,
0.2117

83.2928, 0.3087,
0.3422

19.8842, 0.3920,
0.2053

92.9794, 0.3045,
0.3508

■ 18.5541, 0.4044,
0.2037

■ 93.3628, 0.3008,
0.3439

■ 17.9453, 0.4141,
0.2055

■ 93.7602, 0.2972,
0.3372

■ 94.1719, 0.2937,
0.3305

■ 94.2697, 0.2929,
0.3289

Harmonies

Analogous

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



41.8799, 0.2814, 0.2492



41.8799, 0.3354, 0.2715



41.8799, 0.3868, 0.3066

Triad

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



41.8799, 0.3354, 0.2715



41.8799, 0.3857, 0.4196



41.8799, 0.2184, 0.2953

Complementary

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



41.8799, 0.3354, 0.2715



61.7994, 0.2958, 0.3946

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.



41.8799, 0.2416, 0.3475



41.8799, 0.3354, 0.2715



41.8799, 0.3371, 0.4259

Square

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



41.8799, 0.3354, 0.2715



41.8799, 0.4160, 0.3892



41.8799, 0.2844, 0.3988



41.8799, 0.2180, 0.2591

Rectangle

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



41.8799, 0.3354, 0.2715



41.8799, 0.4103, 0.3340



41.8799, 0.2844, 0.3988



41.8799, 0.2237, 0.3115

Sweetspot

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



41.8818, 0.3354, 0.2715



84.3202, 0.3187, 0.3115



36.0784, 0.2719, 0.2388



17.6127, 0.3196, 0.3090



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.



41.8818, 0.3354, 0.2715



51.2602, 0.3413, 0.2601



40.4303, 0.3699, 0.3108



13.8631, 0.3183, 0.3126



10.6795, 0.4124, 0.2046



0.7557, 0.3950, 0.1950

Inverse Universe

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



41.8818, 0.3354, 0.2715



51.2602, 0.3413, 0.2601



63.3085, 0.2756, 0.3483



13.8631, 0.3183, 0.3126



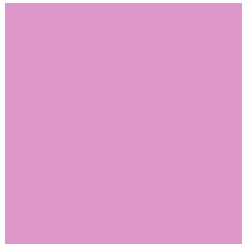
10.6795, 0.4124, 0.2046



0.7557, 0.3950, 0.1950

Previews

White Background



This preview shows how the Yxy color 41.8799, 0.3354, 0.2715 looks on a white background.

Color Contrast Check

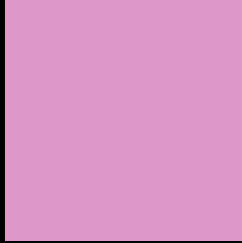
Large Text (above 18pt) WCAG AA × Fail

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 41.8799, 0.3354, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

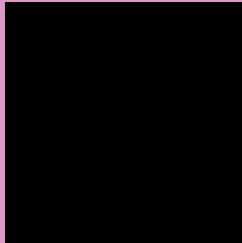
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8799, 0.3354, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 41.8799, 0.3354, 0.2715.



This preview shows how white text looks on a background with the Yxy color 41.8799, 0.3354, 0.2715.

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

41.8799, 0.3354, 0.2715

Protanopia

42.1979, 0.2726, 0.2731

Deuteranopia

42.0369, 0.2978, 0.2913



Tritanopia

41.8839, 0.3616, 0.3147

Trichromacy



Original Color

41.8799, 0.3354, 0.2715



Protanomaly

41.3944, 0.2926, 0.2711



Deuteranomaly

41.5663, 0.3112, 0.2829



Tritanomaly

41.8390, 0.3512, 0.2982

Monochromacy



Original Color

41.8799, 0.3354, 0.2715



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.0198, 0.3211, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8799, 0.3354, 0.2715 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(222, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 201)  
}
```

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(222, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 201) }
```

Border

The CSS property to change the border of an element to Yxy 41.8799, 0.3354, 0.2715 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(222, 151, 201) }
```

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

```
.border{ border-color:rgb(222, 151, 201) }
```

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

Here you see how a box with a 4 pixel rgb(222, 151, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8799, 0.3354, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 201) }
```

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

```
.background{ background-color: rgb(222,  
151, 201) }
```

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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