

Converting Colors

$Y_{xy}(42.9388, 0.3318, 0.2846)$

Have a look what the booklet for
Yxy(42.9388, 0.3318, 0.2846)
contains.

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Color

Yxy(43.0779, 0.3316, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	D69FC4
RGB	214, 159, 196
RGB Percent	84%, 62%, 77%
CMY	0.1609, 0.3764, 0.2315
CMYK	0.00, 0.26, 0.08, 0.16
HSL	320°, 40%, 73%
HSV	320°, 26%, 84%
XYZ	50.0864, 43.0779, 57.8803
YIQ	179.6630, 20.9030, 23.1670

Conversions

Conversions Part 2

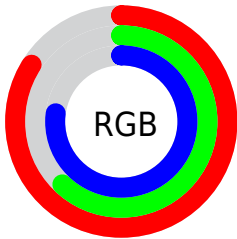
Format	Color
R _Y B	214, 159, 196
Decimal	14065604
CIE Lab	71.61, 26.24, -10.97
CIE LCh	72, 28.439, 337.318
Yxy	43.0779, 0.3316, 0.2852
Android (android.graphics.Color)	4292255684 (0xFFD69FC4)
YUV	179.6630, 8.0541, 30.1135
Hunter-Lab	65.6338, 21.3577, -6.3423

Details

The Yxy color $43.0779, 0.3316, 0.2852$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.6322, 0.2978, 0.3773$, and the grayscale version is $45.3996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4450, 0.3159, 0.2909$, and $19.8393, 0.3375, 0.2740$ is the 20% darker color. If you saturate the color by 10%, you get $36.0336, 0.3412, 0.2677$, and if you desaturate by 10%, it is $51.4150, 0.3233, 0.3027$.

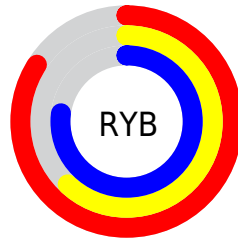
Distribution



Red (84%)

Green (62%)

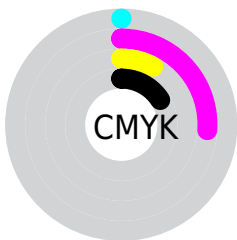
Blue (77%)



Red (84%)

Yellow (62%)

Blue (77%)

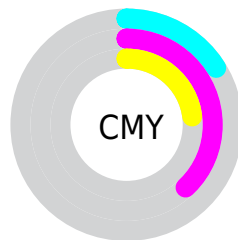


Cyan (0%)

Magenta (26%)

Yellow (8%)

Black (16%)



Cyan (16%)


Magenta (38%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0779, 0.3316, 0.2852 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 43.0779, 0.3316, 0.2852 by changing the saturation by 10% instead.


 43.0779, 0.3316,
0.2852


 43.0779, 0.3316,
0.2852


358.9320, 0.3224,
0.3066

 29.9462, 0.3338,
0.2800


 79.8284, 0.3283,
0.2929

 19.7978, 0.3366,
0.2734


 104.2160, 0.3271,
0.2958

 12.2481, 0.3403,
0.2649


133.1244, 0.3260,
0.2982

 6.9129, 0.3453,
0.2532

166.9380, 0.3251,
0.3004

 3.4077, 0.3524,
0.2364

206.0412, 0.3243,
0.3022

 1.3481, 0.3633,
0.2103

250.8183, 0.3236,

 0.1780, 0.4156,

0.3039

0.0914

301.6538, 0.3230,
0.3053

0.0000, 0.0000,
0.0000

43.0779, 0.3316,
0.2852

43.0779, 0.3316,
0.2852

36.0336, 0.3412,
0.2677

51.4150, 0.3233,
0.3027

30.2103, 0.3523,
0.2508

61.1001, 0.3162,
0.3197

25.5384, 0.3646,
0.2355

72.1923, 0.3103,
0.3358

21.9386, 0.3780,
0.2229

84.7456, 0.3053,
0.3510

19.3216, 0.3921,
0.2141

91.5847, 0.3012,
0.3540

■ 17.5836, 0.4064,
0.2100

■ 91.9891, 0.2973,
0.3466

■ 16.5966, 0.4204,
0.2109

■ 92.4095, 0.2936,
0.3392

■ 16.3026, 0.4264,
0.2123

■ 92.8461, 0.2898,
0.3319

■ 93.0334, 0.2883,
0.3289

Harmonies

Analogous

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



43.0779, 0.2904, 0.2673



43.0779, 0.3316, 0.2852



43.0779, 0.3696, 0.3133

Triad

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



43.0779, 0.3316, 0.2852



43.0779, 0.3680, 0.3986



43.0779, 0.2396, 0.3034

Complementary

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



43.0779, 0.3316, 0.2852



58.6322, 0.2978, 0.3773

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.



43.0779, 0.2577, 0.3422



43.0779, 0.3316, 0.2852



43.0779, 0.3311, 0.4007

Square

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



43.0779, 0.3316, 0.2852



43.0779, 0.3908, 0.3774



43.0779, 0.2907, 0.3796



43.0779, 0.2396, 0.2754

Rectangle

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



43.0779, 0.3316, 0.2852



43.0779, 0.3868, 0.3351



43.0779, 0.2907, 0.3796



43.0779, 0.2437, 0.3156

Sweetspot

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



43.0798, 0.3316, 0.2852



87.2447, 0.3178, 0.3157



38.9359, 0.2829, 0.2590



18.1932, 0.3189, 0.3131



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.



43.0798, 0.3316, 0.2852



57.9534, 0.3369, 0.2753



41.9639, 0.3571, 0.3168



12.5603, 0.3187, 0.3134



9.8756, 0.4245, 0.2112



0.6106, 0.4022, 0.1989

Inverse Universe

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



43.0798, 0.3316, 0.2852



57.9534, 0.3369, 0.2753



59.8117, 0.2812, 0.3417



12.5603, 0.3187, 0.3134



9.8756, 0.4245, 0.2112



0.6106, 0.4022, 0.1989

Previews

White Background



This preview shows how the Yxy color 43.0779, 0.3316, 0.2852 looks on a white background.

Color Contrast Check

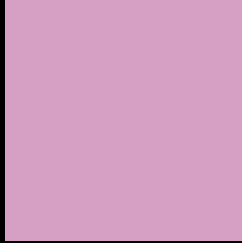
Large Text (above 18pt) WCAG AA × Fail

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 43.0779, 0.3316, 0.2852 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 43.0779, 0.3316, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 43.0779, 0.3316, 0.2852.



This preview shows how white text looks on a background with the Yxy color 43.0779, 0.3316, 0.2852.

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

43.0779, 0.3316, 0.2852

Protanopia

43.2744, 0.2845, 0.2873

Deuteranopia

43.2112, 0.3053, 0.2994



Tritanopia

43.1384, 0.3476, 0.3144

Trichromacy



Original Color

43.0779, 0.3316, 0.2852

Protanomaly

43.0793, 0.3007, 0.2872

Deuteranomaly

43.1797, 0.3144, 0.2940

Tritanomaly

43.2566, 0.3413, 0.3036

Monochromacy



Original Color

43.0779, 0.3316, 0.2852

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.2567, 0.3189, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0779, 0.3316, 0.2852 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, 159, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 159, 196)  
}
```

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, 159, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 159, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.0779, 0.3316, 0.2852 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, 159, 196) }
```

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

```
.border{ border-color:rgb(214, 159, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 159, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 159, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 159, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 159,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0779, 0.3316, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 159, 196) }
```

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

```
.background{ background-color: rgb(214,  
159, 196) }
```

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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