

Converting Colors

$Y_{xy}(42.7949, 0.3454, 0.2852)$

Have a look what the booklet for
Yxy(42.7949, 0.3454, 0.2852)
contains.

Yxy(42.7643, 0.3455, 0.2852)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.7643, 0.3455, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	E09AC0
RGB	224, 154, 192
RGB Percent	88%, 60%, 75%
CMY	0.1216, 0.3960, 0.2472
CMYK	0.00, 0.31, 0.14, 0.12
HSL	327°, 53%, 74%
HSV	327°, 31%, 88%
XYZ	51.8060, 42.7643, 55.3747
YIQ	179.2620, 29.5220, 26.6580

Conversions

Conversions Part 2

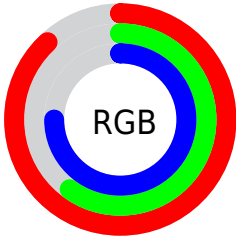
Format	Color
R_{YB}	224, 154, 192
Decimal	14719680
CIE _{Lab}	71.39, 31.73, -8.96
CIE _{LCh}	71, 32.970, 344.228
Yxy	42.7643, 0.3455, 0.2852
Android (android.graphics.Color)	4292909760 (0xFFE09AC0)
YUV	179.2620, 6.2798, 39.2352
Hunter-Lab	65.3944, 26.9689, -4.4295

Details

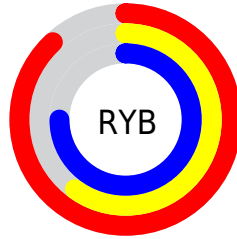
The Yxy color **42.7643, 0.3455, 0.2852** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.7258, 0.2894, 0.3776**, and the grayscale version is **45.1809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6382, 0.3196, 0.2906**, and **19.6917, 0.3544, 0.2730** is the 20% darker color. If you saturate the color by 10%, you get **35.6101, 0.3602, 0.2709**, and if you desaturate by 10%, it is **51.3337, 0.3330, 0.2997**.

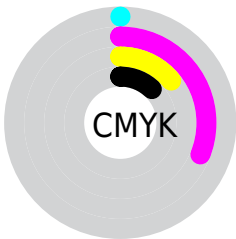
Distribution



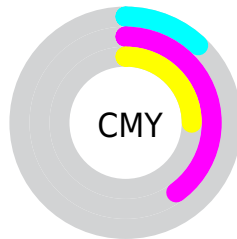
- Red (88%)
- Green (60%)
- Blue (75%)



- Red (88%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7643, 0.3455, 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 42.7643, 0.3455, 0.2852 by changing the saturation by 10% instead.


 42.7643, 0.3455,
0.2852

 42.7643, 0.3455,
0.2852


357.6416, 0.3293,
0.3066

 29.7002, 0.3495,
0.2800


 79.3551, 0.3396,
0.2929

 19.6112, 0.3546,
0.2734


 103.6505, 0.3374,
0.2958

 12.1127, 0.3614,
0.2647


132.4586, 0.3355,
0.2983

 6.8205, 0.3707,
0.2529

166.1636, 0.3339,
0.3004

 3.3501, 0.3845,
0.2359

205.1501, 0.3325,
0.3023

 1.3171, 0.4065,
0.2094

249.8023, 0.3313,

 0.1544, 0.4933,

0.3039

0.0824

300.5046, 0.3302,
0.3054

0.0000, 0.0000,
0.0000

42.7643, 0.3455,
0.2852

42.7643, 0.3455,
0.2852

35.6101, 0.3602,
0.2709

51.3337, 0.3330,
0.2997

29.7876, 0.3773,
0.2576

61.3839, 0.3225,
0.3139

25.2137, 0.3965,
0.2464

72.9835, 0.3137,
0.3274

21.7934, 0.4176,
0.2384

86.1951, 0.3064,
0.3400

19.4180, 0.4396,
0.2348

93.8506, 0.3005,
0.3409

■ 17.9574, 0.4617,
0.2366

■ 94.4881, 0.2949,
0.3305

■ 17.2388, 0.4804,
0.2420

■ 94.5862, 0.2940,
0.3289

Harmonies

Analogous

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



42.7643, 0.2972, 0.2617



42.7643, 0.3455, 0.2852



42.7643, 0.3870, 0.3189

Triad

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



42.7643, 0.3455, 0.2852



42.7643, 0.3675, 0.4127



42.7643, 0.2269, 0.2899

Complementary

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



42.7643, 0.3455, 0.2852



63.7258, 0.2894, 0.3776

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.



42.7643, 0.2426, 0.3330



42.7643, 0.3455, 0.2852



42.7643, 0.3225, 0.4099

Square

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



42.7643, 0.3455, 0.2852



42.7643, 0.3991, 0.3913



42.7643, 0.2769, 0.3794



42.7643, 0.2317, 0.2621

Rectangle

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



42.7643, 0.3455, 0.2852



42.7643, 0.4033, 0.3441



42.7643, 0.2769, 0.3794



42.7643, 0.2298, 0.3029

Sweetspot

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



42.7663, 0.3455, 0.2852



85.5633, 0.3204, 0.3169



38.8742, 0.2827, 0.2435



17.8495, 0.3218, 0.3149



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.



42.7663, 0.3455, 0.2852



51.3722, 0.3541, 0.2765



41.4137, 0.3801, 0.3250



13.8243, 0.3208, 0.3164



10.0584, 0.4773, 0.2403



0.7152, 0.4466, 0.2234

Inverse Universe

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



42.7663, 0.3455, 0.2852



51.3722, 0.3541, 0.2765



65.3726, 0.2699, 0.3332



13.8243, 0.3208, 0.3164



10.0584, 0.4773, 0.2403



0.7152, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 42.7643, 0.3455, 0.2852 looks on a white background.

Color Contrast Check

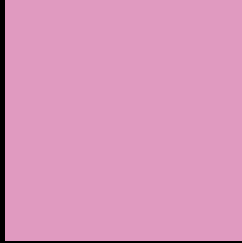
Large Text (above 18pt) WCAG AA × Fail

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 42.7643, 0.3455, 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 42.7643, 0.3455, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 42.7643, 0.3455, 0.2852.



This preview shows how white text looks on a background with the Yxy color 42.7643, 0.3455, 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

42.7643, 0.3455, 0.2852

Protanopia

43.1149, 0.2845, 0.2884

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

42.7282, 0.3633, 0.3149

Trichromacy



Original Color

42.7643, 0.3455, 0.2852



Protanomaly

42.6264, 0.3049, 0.2873



Deuteranomaly

42.5480, 0.3234, 0.2967



Tritanomaly

42.8579, 0.3566, 0.3043

Monochromacy



Original Color

42.7643, 0.3455, 0.2852



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.8122, 0.3235, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7643, 0.3455, 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(224, 154, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 154, 192)  
}
```

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(224, 154, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 154, 192) }
```

Border

The CSS property to change the border of an element to Yxy 42.7643, 0.3455, 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(224, 154, 192) }
```

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

```
.border{ border-color:rgb(224, 154, 192) }
```

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

Here you see how a box with a 4 pixel rgb(224, 154, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 154, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 154, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 154,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7643, 0.3455, 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(224, 154, 192) }
```

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

```
.background{ background-color: rgb(224,  
154, 192) }
```

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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