

Converting Colors

$Y_{xy}(42.4787, 0.3408, 0.2770)$

Have a look what the booklet for
Yxy(42.4787, 0.3408, 0.2770)
contains.

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Color

Yxy(42.3810, 0.3400, 0.2763)

Conversions

Conversions Part 1	
Format	Color
Hex	E098C6
RGB	224, 152, 198
RGB Percent	88%, 60%, 78%
CMY	0.1217, 0.4038, 0.2235
CMYK	0.00, 0.32, 0.12, 0.12
HSL	322°, 54%, 74%
HSV	322°, 32%, 88%
XYZ	52.1518, 42.3810, 58.8548
YIQ	178.7720, 28.1460, 29.5700

Conversions

Conversions Part 2

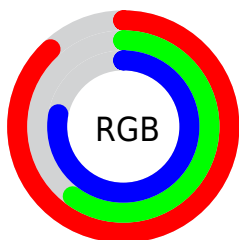
Format	Color
RYB	224, 152, 198
Decimal	14719174
CIELab	71.13, 33.76, -12.69
CIELCh	71, 36.070, 339.402
Yxy	42.3810, 0.3400, 0.2763
Android (android.graphics.Color)	4292909254 (0xFFE098C6)
YUV	178.7720, 9.4794, 39.6650
Hunter-Lab	65.1007, 29.0691, -8.0311

Details

The Yxy color $42.3810, 0.3400, 0.2763$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.1815, 0.2929, 0.3885$, and the grayscale version is $44.8900, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1056, 0.3149, 0.2821$, and $19.4528, 0.3479, 0.2630$ is the 20% darker color. If you saturate the color by 10%, you get $35.4219, 0.3517, 0.2598$, and if you desaturate by 10%, it is $50.7365, 0.3299, 0.2932$.

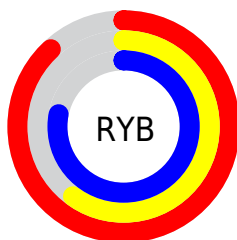
Distribution



Red (88%)

Green (60%)

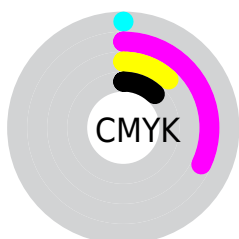
Blue (78%)



Red (88%)

Yellow (60%)

Blue (78%)

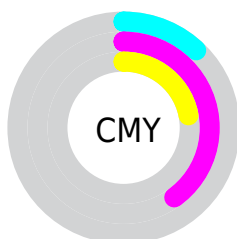


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (12%)



Cyan (12%)


Magenta (40%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3810, 0.3400, 0.2763 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 42.3810, 0.3400, 0.2763 by changing the saturation by 10% instead.


 42.3810, 0.3400,
0.2763


 42.3810, 0.3400,
0.2763

356.0599, 0.3267,
0.3019

 29.3997, 0.3432,
0.2701


 78.7759, 0.3352,
0.2854

 19.3834, 0.3473,
0.2624


 102.9584, 0.3334,
0.2889

 11.9477, 0.3526,
0.2523


131.6434, 0.3319,
0.2919

 6.7080, 0.3598,
0.2387

165.2153, 0.3306,
0.2944

 3.2802, 0.3701,
0.2193

204.0585, 0.3294,
0.2966

 1.2797, 0.3859,
0.1897

248.5574, 0.3284,


 0.1254, 0.4517,


0.2986


0.0598

299.0964, 0.3275,
0.3003


 0.0000, 0.0000,
0.0000


 42.3810, 0.3400,
0.2763


 42.3810, 0.3400,
0.2763


 35.4219, 0.3517,
0.2598


 50.7365, 0.3299,
0.2932


 29.7755, 0.3649,
0.2445


 60.5543, 0.3213,
0.3098


 25.3585, 0.3795,
0.2315


 71.9029, 0.3141,
0.3257

 22.0752, 0.3952,
0.2219

 84.8451, 0.3080,
0.3408


 19.8157, 0.4115,
0.2167

 93.5582, 0.3031,
0.3459

 18.4480, 0.4276,
0.2167

 94.0452, 0.2986,
0.3376

 17.8278, 0.4400,
0.2198

 94.5539, 0.2942,
0.3294

 94.5808, 0.2940,
0.3289

Harmonies

Analogous

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



42.3810, 0.2874, 0.2532



42.3810, 0.3400, 0.2763



42.3810, 0.3882, 0.3113

Triad

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



42.3810, 0.3400, 0.2763



42.3810, 0.3792, 0.4184



42.3810, 0.2205, 0.2923

Complementary

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



42.3810, 0.3400, 0.2763



63.1815, 0.2929, 0.3885

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.



42.3810, 0.2409, 0.3416



42.3810, 0.3400, 0.2763



42.3810, 0.3313, 0.4210

Square

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



42.3810, 0.3400, 0.2763



42.3810, 0.4106, 0.3910



42.3810, 0.2807, 0.3918



42.3810, 0.2222, 0.2592

Rectangle

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



42.3810, 0.3400, 0.2763



42.3810, 0.4091, 0.3382



42.3810, 0.2807, 0.3918



42.3810, 0.2249, 0.3075

Sweetspot

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



42.3829, 0.3400, 0.2763



84.2170, 0.3197, 0.3131



37.2157, 0.2756, 0.2393



17.5876, 0.3208, 0.3108



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.



42.3829, 0.3400, 0.2763



50.0062, 0.3482, 0.2644



40.9437, 0.3752, 0.3164



13.8473, 0.3193, 0.3141



10.4040, 0.4377, 0.2185



0.7381, 0.4150, 0.2060

Inverse Universe

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



42.3829, 0.3400, 0.2763



50.0062, 0.3482, 0.2644



64.7802, 0.2728, 0.3423



13.8473, 0.3193, 0.3141



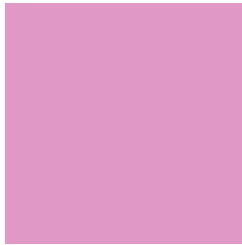
10.4040, 0.4377, 0.2185



0.7381, 0.4150, 0.2060

Previews

White Background



This preview shows how the Yxy color 42.3810, 0.3400, 0.2763 looks on a white background.

Color Contrast Check

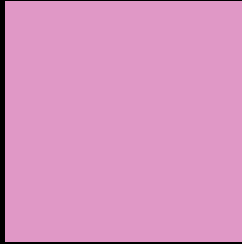
Large Text (above 18pt) WCAG AA × Fail

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 42.3810, 0.3400, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

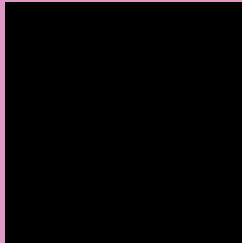
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3810, 0.3400, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 42.3810, 0.3400, 0.2763.



This preview shows how white text looks on a background with the Yxy color 42.3810, 0.3400, 0.2763.

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

42.3810, 0.3400, 0.2763

Protanopia

42.7476, 0.2770, 0.2783

Deuteranopia

42.6347, 0.3028, 0.2967



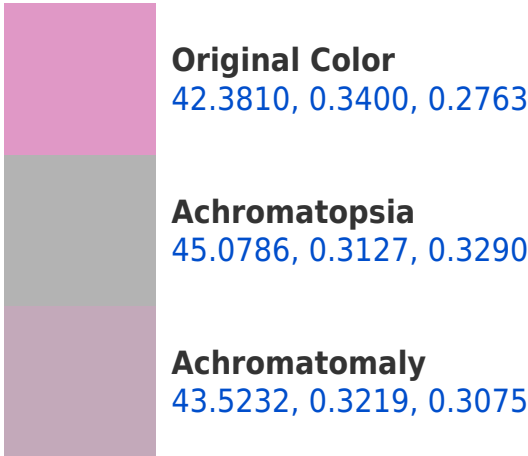
Tritanopia

42.1942, 0.3636, 0.3148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3810, 0.3400, 0.2763 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, 152, 198) looks like.

```
.text, #text, p{  
    color:rgb(224, 152, 198)  
}
```

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, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 152, 198) }
```

Border

The CSS property to change the border of an element to Yxy 42.3810, 0.3400, 0.2763 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, 152, 198) }
```

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

```
.border{ border-color:rgb(224, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 152,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3810, 0.3400, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 152, 198) }
```

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

```
.background{ background-color: rgb(224,  
152, 198) }
```

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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