

Converting Colors

Yxy(38.3161, 0.3344, 0.2641)

Have a look what the booklet for
Yxy(38.3161, 0.3344, 0.2641)
contains.

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Color

Yxy(38.4739, 0.3345, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	D98FC6
RGB	217, 143, 198
RGB Percent	85%, 56%, 78%
CMY	0.1489, 0.4393, 0.2235
CMYK	0.00, 0.34, 0.09, 0.15
HSL	315°, 49%, 71%
HSV	315°, 34%, 85%
XYZ	48.6376, 38.4739, 58.2925
YIQ	171.3960, 26.4490, 32.7930

Conversions

Conversions Part 2

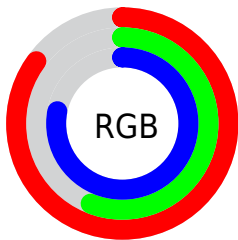
Format	Color
R _Y B	217, 143, 198
Decimal	14258118
CIE Lab	68.37, 36.27, -16.94
CIE LCh	68, 40.029, 334.971
Yxy	38.4739, 0.3345, 0.2646
Android (android.graphics.Color)	4292448198 (0xFFD98FC6)
YUV	171.3960, 13.1158, 39.9947
Hunter-Lab	62.0273, 31.4198, -12.3008

Details

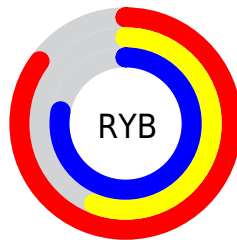
The Yxy color **38.4739, 0.3345, 0.2646** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.0887, 0.2965, 0.4036**, and the grayscale version is **40.8581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8682, 0.3153, 0.2732**, and **17.0729, 0.3402, 0.2475** is the 20% darker color. If you saturate the color by 10%, you get **32.3257, 0.3430, 0.2461**, and if you desaturate by 10%, it is **45.8955, 0.3270, 0.2838**.

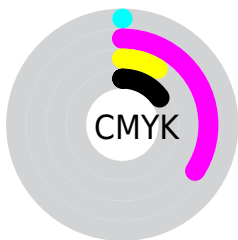
Distribution



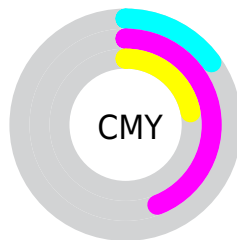
- Red (85%)
- Green (56%)
- Blue (78%)



- Red (85%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (15%)




- Cyan (15%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4739, 0.3345, 0.2646 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 38.4739, 0.3345, 0.2646 by changing the saturation by 10% instead.

 38.4739, 0.3345,
0.2646


 38.4739, 0.3345,
0.2646


339.6485, 0.3241,
0.2960

 26.3507, 0.3370,
0.2570


 72.8339, 0.3308,
0.2758

 17.0862, 0.3400,
0.2474


 95.8395, 0.3294,
0.2801

 10.2960, 0.3439,
0.2350


123.2414, 0.3282,
0.2837

 5.5956, 0.3491,
0.2181

155.4239, 0.3272,
0.2869

 2.6008, 0.3561,
0.1942

192.7715, 0.3262,
0.2896

 0.9271, 0.3661,
0.1582

235.6686, 0.3254,


 0.0000, 0.4195,


0.2920


0.0000


284.4994, 0.3247,
0.2941

 0.0000, 0.0000,
0.0000


 38.4739, 0.3345,
0.2646


 38.4739, 0.3345,
0.2646


 32.3257, 0.3430,
0.2461

 45.8955, 0.3270,
0.2838


 27.3726, 0.3524,
0.2291

 54.6524, 0.3204,
0.3030


 23.5358, 0.3624,
0.2148

 64.8088, 0.3148,
0.3216

 20.7247, 0.3729,
0.2042

 76.4233, 0.3100,
0.3393

 18.8347, 0.3835,
0.1980

 89.5511, 0.3060,
0.3559

■ 17.7386, 0.3938,
0.1967

■ 92.0720, 0.3028,
0.3534

■ 17.3390, 0.3997,
0.1976

■ 92.3929, 0.2997,
0.3475

■ 92.7241, 0.2967,
0.3417

■ 93.0654, 0.2936,
0.3359

Harmonies

Analogous

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



38.4739, 0.2754, 0.2412



38.4739, 0.3345, 0.2646



38.4739, 0.3922, 0.3020

Triad

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



38.4739, 0.3345, 0.2646



38.4739, 0.3947, 0.4274



38.4739, 0.2102, 0.2937

Complementary

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



38.4739, 0.3345, 0.2646



58.0887, 0.2965, 0.4036

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.



38.4739, 0.2363, 0.3522



38.4739, 0.3345, 0.2646



38.4739, 0.3417, 0.4372

Square

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



38.4739, 0.3345, 0.2646



38.4739, 0.4273, 0.3921



38.4739, 0.2837, 0.4091



38.4739, 0.2087, 0.2534

Rectangle

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



38.4739, 0.3345, 0.2646



38.4739, 0.4192, 0.3316



38.4739, 0.2837, 0.4091



38.4739, 0.2162, 0.3118

Sweetspot

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



38.4756, 0.3345, 0.2646



84.3809, 0.3180, 0.3106



32.2823, 0.2665, 0.2316



17.6274, 0.3189, 0.3079



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.



38.4756, 0.3345, 0.2646



48.8257, 0.3406, 0.2510



36.9890, 0.3724, 0.3066



13.2147, 0.3177, 0.3118



10.5109, 0.3983, 0.1968



0.6946, 0.3830, 0.1883

Inverse Universe

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



38.4756, 0.3345, 0.2646



48.8257, 0.3406, 0.2510



59.5809, 0.2749, 0.3530



13.2147, 0.3177, 0.3118



10.5109, 0.3983, 0.1968



0.6946, 0.3830, 0.1883

Previews

White Background



This preview shows how the Yxy color 38.4739, 0.3345, 0.2646 looks on a white background.

Color Contrast Check

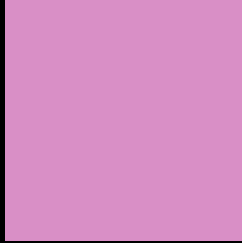
Large Text (above 18pt) WCAG AA × Fail

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 38.4739, 0.3345, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

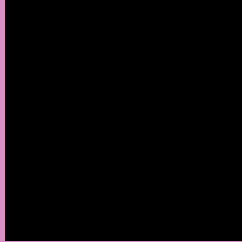
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4739, 0.3345, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 38.4739, 0.3345, 0.2646.



This preview shows how white text looks on a background with the Yxy color 38.4739, 0.3345, 0.2646.

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

38.4739, 0.3345, 0.2646

Protanopia

38.6829, 0.2670, 0.2649

Deuteranopia

38.6355, 0.2931, 0.2873



Tritanopia

38.5320, 0.3667, 0.3156

Trichromacy



Original Color

38.4739, 0.3345, 0.2646

Protanomaly

38.1330, 0.2888, 0.2634

Deuteranomaly

38.2819, 0.3076, 0.2788

Tritanomaly

38.2196, 0.3550, 0.2962

Monochromacy



Original Color

38.4739, 0.3345, 0.2646

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5173, 0.3205, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4739, 0.3345, 0.2646 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(217, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(217, 143, 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(217, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 143, 198) }
```

Border

The CSS property to change the border of an element to Yxy 38.4739, 0.3345, 0.2646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

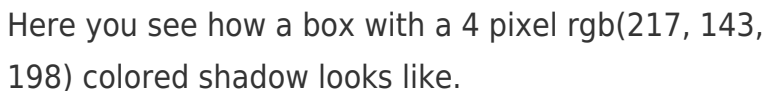
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 143, 198) }
```

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

```
.border{ border-color:rgb(217, 143, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 143, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 143, 198); box-shadow:4px 4px 4px 4px rgb(217, 143, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4739, 0.3345, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 143, 198) }
```

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

```
.background{ background-color: rgb(217,  
143, 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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