

Converting Colors

Yxy(38.4135, 0.2932, 0.2364)

Have a look what the booklet for
Yxy(38.4135, 0.2932, 0.2364)
contains.

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Color

Yxy(38.4458, 0.2934, 0.2371)

Conversions

Conversions Part 1

Format	Color
Hex	C793E1
RGB	199, 147, 225
RGB Percent	78%, 58%, 88%
CMY	0.2196, 0.4235, 0.1177
CMYK	0.12, 0.35, 0.00, 0.12
HSL	280°, 56%, 73%
HSV	280°, 35%, 88%
XYZ	47.5749, 38.4458, 76.1295
YIQ	171.4400, 5.9540, 35.2820

Conversions

Conversions Part 2

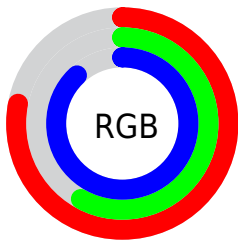
Format	Color
R _Y B	199, 147, 225
Decimal	13079521
CIE Lab	68.35, 33.42, -32.08
CIE LCh	68, 46.332, 316.172
Yxy	38.4458, 0.2934, 0.2371
Android (android.graphics.Color)	4291269601 (0xFFC793E1)
YUV	171.4400, 26.4051, 24.1701
Hunter-Lab	62.0047, 28.4510, -29.3931

Details

The Yxy color **38.4458, 0.2934, 0.2371** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.8263, 0.3256, 0.4272**, and the grayscale version is **40.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **16.9783, 0.2868, 0.2140** is the 20% darker color. If you saturate the color by 10%, you get **31.1209, 0.2859, 0.2095**, and if you desaturate by 10%, it is **47.1926, 0.3001, 0.2649**.

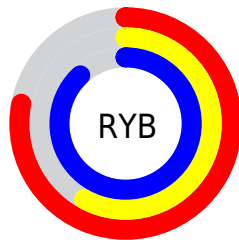
Distribution



Red (78%)

Green (58%)

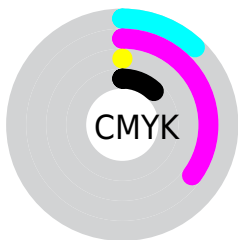
Blue (88%)



Red (78%)

Yellow (58%)

Blue (88%)

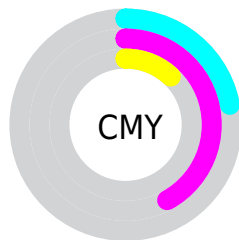


Cyan (12%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (22%)


Magenta (42%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4458, 0.2934, 0.2371 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 38.4458, 0.2934, 0.2371 by changing the saturation by 10% instead.


 38.4458, 0.2934,
0.2371


 38.4458, 0.2934,
0.2371


339.5285, 0.3043,
0.2810

 26.3289, 0.2904,
0.2269

 72.7909, 0.2976,
0.2525

 17.0698, 0.2863,
0.2141


 95.7879, 0.2991,
0.2585

 10.2843, 0.2807,
0.1979


123.1803, 0.3004,
0.2636

 5.5879, 0.2725,
0.1768

155.3527, 0.3014,
0.2680

 2.5961, 0.2597,
0.1483

192.6892, 0.3023,
0.2718

 0.9247, 0.2379,
0.1092

235.5745, 0.3031,


 0.0000, 0.2045,


0.2752


0.0000


284.3928, 0.3037,
0.2783


 0.0000, 0.0000,
0.0000


 38.4458, 0.2934,
0.2371

 38.4458, 0.2934,
0.2371


 31.1209, 0.2859,
0.2095


 47.1926, 0.3001,
0.2649


 25.1322, 0.2776,
0.1830


 57.4306, 0.3058,
0.2919


 20.3922, 0.2687,
0.1591


 69.2307, 0.3107,
0.3176


 16.8006, 0.2596,
0.1388


 82.6574, 0.3148,
0.3416


 14.2411, 0.2506,
0.1231

 94.8693, 0.3185,
0.3593

 12.5718, 0.2419,
0.1124

 96.1827, 0.3233,
0.3588

 11.9217, 0.2374,
0.1082

 97.5506, 0.3281,
0.3584

 98.2149, 0.3304,
0.3582

Harmonies

Analogous

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



38.4458, 0.2355, 0.2232



38.4458, 0.2934, 0.2371



38.4458, 0.3640, 0.2699

Triad

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



38.4458, 0.2934, 0.2371



38.4458, 0.4336, 0.4169



38.4458, 0.2108, 0.3281

Complementary

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



38.4458, 0.2934, 0.2371



64.8263, 0.3256, 0.4272

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.



38.4458, 0.2560, 0.4003



38.4458, 0.2934, 0.2371



38.4458, 0.3847, 0.4511

Square

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



38.4458, 0.2934, 0.2371



38.4458, 0.4500, 0.3673



38.4458, 0.3195, 0.4490



38.4458, 0.1923, 0.2670

Rectangle

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



38.4458, 0.2934, 0.2371



38.4458, 0.4070, 0.2994



38.4458, 0.3195, 0.4490



38.4458, 0.2231, 0.3524

Sweetspot

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



38.4474, 0.2934, 0.2371



83.2200, 0.3082, 0.3039



41.5249, 0.2548, 0.2609



17.3450, 0.3075, 0.3002



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.



38.4474, 0.2934, 0.2371



43.4785, 0.2877, 0.2159



41.6262, 0.3284, 0.2562



13.6950, 0.3085, 0.3055



6.9378, 0.2387, 0.1089



0.5292, 0.2516, 0.1159

Inverse Universe

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



39.8901, 0.3670, 0.2987



45.8515, 0.3847, 0.2919



62.5793, 0.3003, 0.4149



13.7755, 0.3240, 0.3212



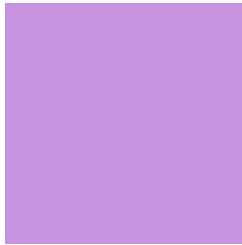
9.5361, 0.5633, 0.2877



0.6772, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 38.4458, 0.2934, 0.2371 looks on a white background.

Color Contrast Check

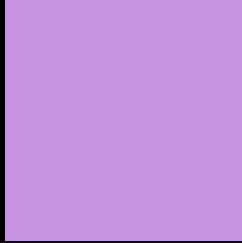
Large Text (above 18pt) WCAG AA × Fail

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 38.4458, 0.2934, 0.2371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

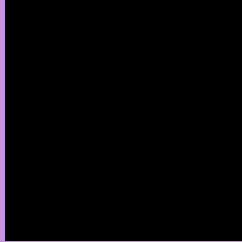
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4458, 0.2934, 0.2371

Background



This preview shows how black text looks on a background with the Yxy color 38.4458, 0.2934, 0.2371.



This preview shows how white text looks on a background with the Yxy color 38.4458, 0.2934, 0.2371.

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

38.4458, 0.2934, 0.2371

Protanopia

38.6226, 0.2424, 0.2329

Deuteranopia

38.5971, 0.2594, 0.2528



Tritanopia

38.4324, 0.3339, 0.3132

Trichromacy



Original Color

38.4458, 0.2934, 0.2371



Protanomaly

38.1808, 0.2582, 0.2337



Deuteranomaly

38.3275, 0.2710, 0.2466



Tritanomaly

38.2982, 0.3187, 0.2832

Monochromacy



Original Color

38.4458, 0.2934, 0.2371



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.4260, 0.3053, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4458, 0.2934, 0.2371 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(199, 147, 225)` looks like.

```
.text, #text, p{  
    color:rgb(199, 147, 225)  
}
```

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(199, 147, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 147, 225) }
```

Border

The CSS property to change the border of an element to Yxy 38.4458, 0.2934, 0.2371 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(199, 147, 225) }
```

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

```
.border{ border-color:rgb(199, 147, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 147, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 147, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 147, 225);  
box-shadow:4px 4px 4px 4px rgb(199, 147,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4458, 0.2934, 0.2371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 147, 225) }
```

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

```
.background{ background-color: rgb(199,  
147, 225) }
```

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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