

Converting Colors

Yxy(38.2414, 0.2765, 0.2245)

Have a look what the booklet for
Yxy(38.2414, 0.2765, 0.2245)
contains.

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Color

Yxy(38.2414, 0.2765, 0.2245)

Conversions

Conversions Part 1

Format	Color
Hex	BE94ED
RGB	190, 148, 237
RGB Percent	75%, 58%, 93%
CMY	0.2551, 0.4195, 0.0707
CMYK	0.20, 0.38, 0.00, 0.07
HSL	268°, 71%, 75%
HSV	268°, 38%, 93%
XYZ	47.0991, 38.2414, 84.9998
YIQ	170.7040, -3.5370, 36.5830

Conversions

Conversions Part 2

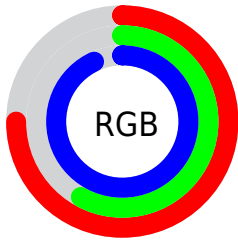
Format	Color
RYB	190, 148, 237
Decimal	12489965
CIELab	68.20, 32.74, -38.99
CIELCh	68, 50.911, 310.026
Yxy	38.2414, 0.2765, 0.2245
Android (android.graphics.Color)	4290680045 (0xFFBE94ED)
YUV	170.7040, 32.6839, 16.9226
Hunter-Lab	61.8396, 27.7321, -38.2076

Details

The Yxy color **38.2414, 0.2765, 0.2245** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **74.3016, 0.3385, 0.4326**, and the grayscale version is **40.4027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7060, 0.3093, 0.2772**, and **17.0365, 0.2645, 0.1994** is the 20% darker color. If you saturate the color by 10%, you get **30.0086, 0.2638, 0.1942**, and if you desaturate by 10%, it is **48.1377, 0.2880, 0.2545**.

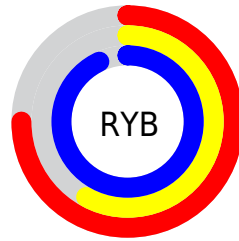
Distribution



Red (75%)

Green (58%)

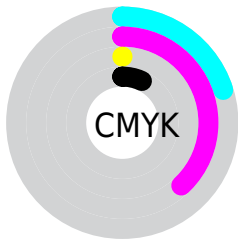
Blue (93%)



Red (75%)

Yellow (58%)

Blue (93%)

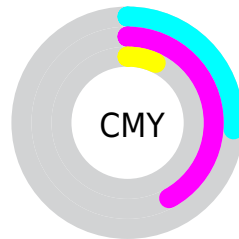


Cyan (20%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (26%)


Magenta (42%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2414, 0.2765, 0.2245 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 38.2414, 0.2765, 0.2245 by changing the saturation by 10% instead.


 38.2414, 0.2765,
0.2245


 38.2414, 0.2765,
0.2245


338.6544, 0.2959,
0.2739

 26.1701, 0.2714,
0.2131


 72.4780, 0.2838,
0.2418

 16.9509, 0.2647,
0.1991


 95.4121, 0.2865,
0.2484

 10.1995, 0.2558,
0.1816

122.7359, 0.2887,
0.2542

 5.5314, 0.2432,
0.1590

154.8338, 0.2906,
0.2592

 2.5623, 0.2245,
0.1294

192.0902, 0.2922,
0.2636

 0.9078, 0.1953,
0.0906

234.8895, 0.2936,

 0.0000, 0.1491,

0.2674

0.0000

283.6161, 0.2948,
0.2709

 0.0000, 0.0000,
0.0000


 38.2414, 0.2765,
0.2245

 38.2414, 0.2765,
0.2245

 30.0086, 0.2638,
0.1942


 48.1377, 0.2880,
0.2545

 23.3378, 0.2502,
0.1650

 59.7817, 0.2982,
0.2833

 18.1230, 0.2362,
0.1383

 73.2575, 0.3070,
0.3102

 14.2428, 0.2224,
0.1158

 88.6421, 0.3145,
0.3349

 11.5548, 0.2095,
0.0987

 98.4391, 0.3217,
0.3465

■ 9.8703, 0.1980,
0.0873

■ 98.8930, 0.3232,
0.3464

■ 9.5380, 0.1953,
0.0850

Harmonies

Analogous

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



38.2414, 0.2187, 0.2140



38.2414, 0.2765, 0.2245



38.2414, 0.3527, 0.2559

Triad

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



38.2414, 0.2765, 0.2245



38.2414, 0.4516, 0.4129



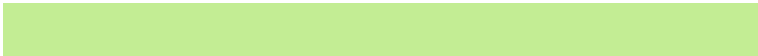
38.2414, 0.2092, 0.3437

Complementary

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



38.2414, 0.2765, 0.2245



74.3016, 0.3385, 0.4326

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.



38.2414, 0.2630, 0.4229



38.2414, 0.2765, 0.2245



38.2414, 0.4033, 0.4570

Square

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



38.2414, 0.2765, 0.2245



38.2414, 0.4616, 0.3576



38.2414, 0.3342, 0.4669



38.2414, 0.1837, 0.2717

Rectangle

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



38.2414, 0.2765, 0.2245



38.2414, 0.4029, 0.2859



38.2414, 0.3342, 0.4669



38.2414, 0.2242, 0.3713

Sweetspot

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



38.2429, 0.2765, 0.2245



80.6861, 0.3040, 0.3010



51.6512, 0.2528, 0.2772



16.8013, 0.3028, 0.2973



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.



38.2429, 0.2765, 0.2245



37.5634, 0.2669, 0.2013



44.7959, 0.3145, 0.2355



14.8970, 0.3054, 0.3052



5.2854, 0.1970, 0.0859



0.4719, 0.2123, 0.0943

Inverse Universe

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



43.1314, 0.3559, 0.2773



44.3022, 0.3686, 0.2668



69.2715, 0.3092, 0.4426



15.1871, 0.3210, 0.3166



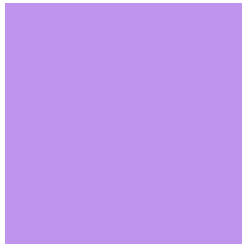
10.6690, 0.4835, 0.2437



0.8572, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 38.2414, 0.2765, 0.2245 looks on a white background.

Color Contrast Check

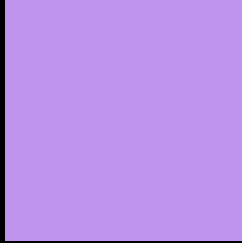
Large Text (above 18pt) WCAG AA × Fail

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 38.2414, 0.2765, 0.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

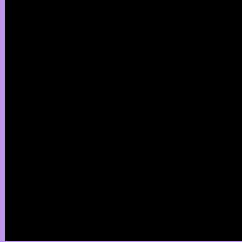
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2414, 0.2765, 0.2245

Background



This preview shows how black text looks on a background with the Yxy color 38.2414, 0.2765, 0.2245.



This preview shows how white text looks on a background with the Yxy color 38.2414, 0.2765, 0.2245.

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

38.2414, 0.2765, 0.2245

Protanopia

38.7714, 0.2329, 0.2211

Deuteranopia

38.6904, 0.2453, 0.2395



Tritanopia

38.1294, 0.3183, 0.3114

Trichromacy



Original Color

38.2414, 0.2765, 0.2245



Protanomaly

38.1142, 0.2466, 0.2215



Deuteranomaly

38.2680, 0.2555, 0.2334



Tritanomaly

37.8754, 0.3022, 0.2758

Monochromacy



Original Color

38.2414, 0.2765, 0.2245



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.5995, 0.2993, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2414, 0.2765, 0.2245 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(190, 148, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 237)  
}
```

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(190, 148, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 237) }
```

Border

The CSS property to change the border of an element to Yxy 38.2414, 0.2765, 0.2245 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(190, 148, 237) }
```

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

```
.border{ border-color:rgb(190, 148, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2414, 0.2765, 0.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 237) }
```

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

```
.background{ background-color: rgb(190,  
148, 237) }
```

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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