

Converting Colors

$Yxy(38.5626, 0.2754, 0.2238)$

Have a look what the booklet for
Yxy(38.5626, 0.2754, 0.2238)
contains.

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Color

Yxy(38.6740, 0.2752, 0.2237)

Conversions

Conversions Part 1

Format	Color
Hex	BE95EF
RGB	190, 149, 239
RGB Percent	75%, 58%, 94%
CMY	0.2546, 0.4158, 0.0627
CMYK	0.20, 0.38, 0.00, 0.06
HSL	267°, 74%, 76%
HSV	267°, 38%, 94%
XYZ	47.5775, 38.6740, 86.6318
YIQ	171.5190, -4.4540, 36.6820

Conversions

Conversions Part 2

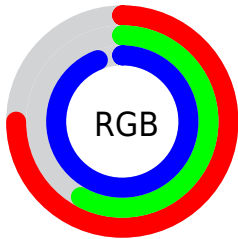
Format	Color
R _Y B	190, 149, 239
Decimal	12490223
CIE Lab	68.51, 32.71, -39.61
CIE LCh	69, 51.374, 309.553
Yxy	38.6740, 0.2752, 0.2237
Android (android.graphics.Color)	4290680303 (0xFFBE95EF)
YUV	171.5190, 33.2681, 16.2078
Hunter-Lab	62.1884, 27.7324, -39.0623

Details

The Yxy color **38.6740, 0.2752, 0.2237** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.9072, 0.3396, 0.4328**, and the grayscale version is **40.8335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3622, 0.3100, 0.2784**, and **17.3052, 0.2629, 0.1986** is the 20% darker color. If you saturate the color by 10%, you get **30.2746, 0.2621, 0.1932**, and if you desaturate by 10%, it is **48.7774, 0.2871, 0.2539**.

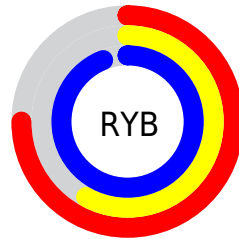
Distribution



Red (75%)

Green (58%)

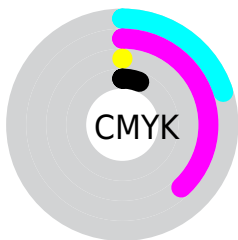
Blue (94%)



Red (75%)

Yellow (58%)

Blue (94%)

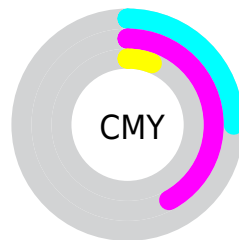


Cyan (20%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (25%)


Magenta (42%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6740, 0.2752, 0.2237 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 38.6740, 0.2752, 0.2237 by changing the saturation by 10% instead.


 38.6740, 0.2752,
0.2237


 38.6740, 0.2752,
0.2237


340.5025, 0.2952,
0.2734

 26.5062, 0.2700,
0.2123


 73.1400, 0.2827,
0.2410

 17.2027, 0.2632,
0.1983


 96.2071, 0.2854,
0.2477

 10.3791, 0.2540,
0.1808


123.6760, 0.2878,
0.2535

 5.6511, 0.2412,
0.1583

155.9312, 0.2897,
0.2585

 2.6341, 0.2224,
0.1289

193.3570, 0.2914,
0.2629

 0.9438, 0.1932,
0.0905

236.3379, 0.2928,

 0.0000, 0.1488,


0.2668


0.0000

285.2583, 0.2941,
0.2703

 0.0000, 0.0000,
0.0000


 38.6740, 0.2752,
0.2237


 38.6740, 0.2752,
0.2237

 30.2746, 0.2621,
0.1932

 48.7774, 0.2871,
0.2539


 23.4750, 0.2481,
0.1637


 60.6713, 0.2976,
0.2828


 18.1666, 0.2338,
0.1369

 74.4419, 0.3066,
0.3098

 14.2247, 0.2197,
0.1142

 90.1681, 0.3144,
0.3345

 11.5030, 0.2066,
0.0970

 99.0131, 0.3220,
0.3444

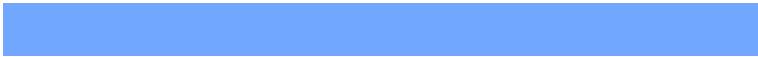
■ 9.8063, 0.1950,
0.0856

■ 9.4903, 0.1925,
0.0834

Harmonies

Analogous

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



38.6740, 0.2175, 0.2135



38.6740, 0.2752, 0.2237



38.6740, 0.3517, 0.2550

Triad

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



38.6740, 0.2752, 0.2237



38.6740, 0.4528, 0.4124



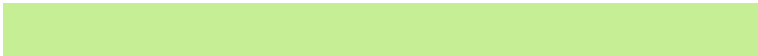
38.6740, 0.2093, 0.3451

Complementary

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



38.6740, 0.2752, 0.2237



75.9072, 0.3396, 0.4328

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.



38.6740, 0.2638, 0.4246



38.6740, 0.2752, 0.2237



38.6740, 0.4047, 0.4571

Square

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



38.6740, 0.2752, 0.2237



38.6740, 0.4621, 0.3567



38.6740, 0.3354, 0.4679



38.6740, 0.1833, 0.2723

Rectangle

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



38.6740, 0.2752, 0.2237



38.6740, 0.4023, 0.2849



38.6740, 0.3354, 0.4679



38.6740, 0.2246, 0.3728

Sweetspot

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



38.6756, 0.2752, 0.2237



80.6129, 0.3037, 0.3010



53.2359, 0.2529, 0.2788



16.7839, 0.3025, 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.



38.6756, 0.2752, 0.2237



37.3376, 0.2655, 0.2008



45.2990, 0.3132, 0.2348



15.5821, 0.3051, 0.3051



5.3196, 0.1942, 0.0843



0.5010, 0.2087, 0.0924

Inverse Universe

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



43.9134, 0.3548, 0.2756



44.3832, 0.3668, 0.2652



70.7311, 0.3101, 0.4429



15.9026, 0.3208, 0.3162



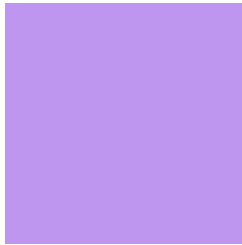
11.0572, 0.4774, 0.2404



0.9399, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 38.6740, 0.2752, 0.2237 looks on a white background.

Color Contrast Check

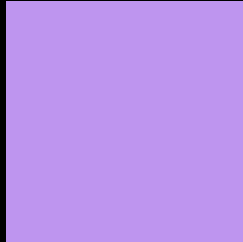
Large Text (above 18pt) WCAG AA × Fail

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 38.6740, 0.2752, 0.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

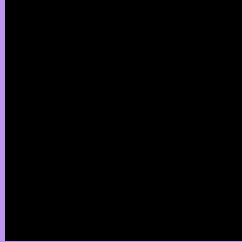
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6740, 0.2752, 0.2237

Background



This preview shows how black text looks on a background with the Yxy color 38.6740, 0.2752, 0.2237.



This preview shows how white text looks on a background with the Yxy color 38.6740, 0.2752, 0.2237.

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

38.6740, 0.2752, 0.2237

Protanopia

38.8976, 0.2319, 0.2191

Deuteranopia

38.8060, 0.2442, 0.2374



Tritanopia

38.5195, 0.3173, 0.3114

Trichromacy



Original Color

38.6740, 0.2752, 0.2237

Protanomaly

38.5796, 0.2456, 0.2209

Deuteranomaly

38.3843, 0.2543, 0.2314

Tritanomaly

38.2584, 0.3013, 0.2759

Monochromacy



Original Color

38.6740, 0.2752, 0.2237

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1201, 0.2994, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6740, 0.2752, 0.2237 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, 149, 239)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 239)  
}
```

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, 149, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 239) }
```

Border

The CSS property to change the border of an element to Yxy 38.6740, 0.2752, 0.2237 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, 149, 239) }
```

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

```
.border{ border-color:rgb(190, 149, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 149, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 239);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6740, 0.2752, 0.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 149, 239) }
```

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

```
.background{ background-color: rgb(190,  
149, 239) }
```

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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