

Converting Colors

Yxy(38.6006, 0.2445, 0.2109)

Have a look what the booklet for
Yxy(38.6006, 0.2445, 0.2109)
contains.

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Color

Yxy(38.6783, 0.2447, 0.2111)

Conversions

Conversions Part 1

Format	Color
Hex	A29CFF
RGB	162, 156, 255
RGB Percent	64%, 61%, 100%
CMY	0.3648, 0.3882, 0.0000
CMYK	0.36, 0.39, 0.00, 0.00
HSL	244°, 100%, 81%
HSV	244°, 39%, 100%
XYZ	44.8346, 38.6783, 99.7098
YIQ	169.0800, -28.2030, 32.0610

Conversions

Conversions Part 2

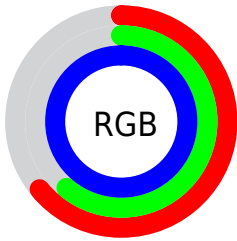
Format	Color
RYB	162, 156, 255
Decimal	10657023
CIELab	68.52, 24.92, -48.50
CIElCh	69, 54.526, 297.196
Yxy	38.6783, 0.2447, 0.2111
Android (android.graphics.Color)	4288847103 (0xFFA29CFF)
YUV	169.0800, 42.3586, -6.2092
Hunter-Lab	62.1919, 19.8462, -51.5230

Details

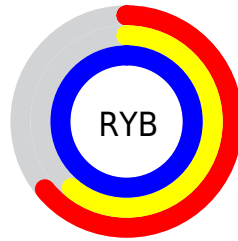
The Yxy color **38.6783, 0.2447, 0.2111** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94.0667, 0.3670, 0.4271**, and the grayscale version is **39.5143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3733, 0.2896, 0.2816**, and **17.2445, 0.2252, 0.1833** is the 20% darker color. If you saturate the color by 10%, you get **28.7261, 0.2237, 0.1757**, and if you desaturate by 10%, it is **50.9077, 0.2648, 0.2455**.

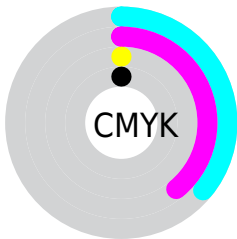
Distribution



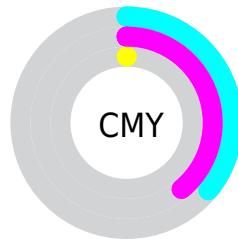
- Red (64%)
- Green (61%)
- Blue (100%)



- Red (64%)
- Yellow (61%)
- Blue (100%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6783, 0.2447, 0.2111 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 38.6783, 0.2447, 0.2111 by changing the saturation by 10% instead.


 38.6783, 0.2447,
0.2111


 38.6783, 0.2447,
0.2111


340.5208, 0.2793,
0.2665

 26.5096, 0.2362,
0.1986


 73.1466, 0.2572,
0.2303

 17.2052, 0.2255,
0.1834


 96.2150, 0.2619,
0.2377

 10.3809, 0.2115,
0.1645


123.6853, 0.2660,
0.2442

 5.6522, 0.1930,
0.1408

155.9421, 0.2694,
0.2498

 2.6348, 0.1677,
0.1108

193.3696, 0.2724,
0.2547

 0.9442, 0.1322,
0.0737

236.3523, 0.2750,

 0.0000, 0.0772,

0.2591

0.0000

285.2746, 0.2772,
0.2630

■ 0.0000, 0.0000,
0.0000

■ 38.6783, 0.2447,
0.2111

■ 38.6783, 0.2447,
0.2111

■ 28.7261, 0.2237,
0.1757

■ 50.9077, 0.2648,
0.2455

■ 20.9063, 0.2030,
0.1412

■ 65.5386, 0.2833,
0.2775

■ 15.0641, 0.1841,
0.1105

■ 82.6914, 0.2998,
0.3063

■ 11.0220, 0.1686,
0.0859

100.0000, 0.3127,
0.3290

■ 8.5706, 0.1577,
0.0695

■ 7.4159, 0.1518,
0.0614

■ 7.3247, 0.1513,
0.0607

Harmonies

Analogous

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



38.6783, 0.1956, 0.2104



38.6783, 0.2447, 0.2111



38.6783, 0.3191, 0.2353

Triad

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



38.6783, 0.2447, 0.2111



38.6783, 0.4706, 0.3919



38.6783, 0.2236, 0.3824

Complementary

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



38.6783, 0.2447, 0.2111



94.0667, 0.3670, 0.4271

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.



38.6783, 0.2904, 0.4573



38.6783, 0.2447, 0.2111



38.6783, 0.4339, 0.4466

Square

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



38.6783, 0.2447, 0.2111



38.6783, 0.4605, 0.3330



38.6783, 0.3674, 0.4781



38.6783, 0.1839, 0.2969

Rectangle

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



38.6783, 0.2447, 0.2111



38.6783, 0.3751, 0.2623



38.6783, 0.3674, 0.4781



38.6783, 0.2435, 0.4112

Sweetspot

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



38.6797, 0.2447, 0.2111



76.9548, 0.2948, 0.2975



82.6917, 0.2579, 0.3233



15.9836, 0.2927, 0.2938



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.



38.6797, 0.2447, 0.2111



30.3737, 0.2275, 0.1821



44.7693, 0.2809, 0.2220



17.4300, 0.2988, 0.3045



3.8474, 0.1518, 0.0610



0.3921, 0.1560, 0.0633

Inverse Universe

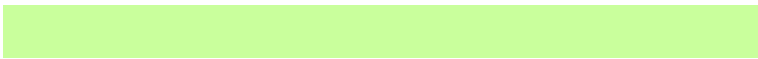
The Inverse Universe completely reimagines the original color for something new.



51.8824, 0.3221, 0.2379



45.3933, 0.3243, 0.2203



86.2768, 0.3342, 0.4387



18.2804, 0.3147, 0.3070



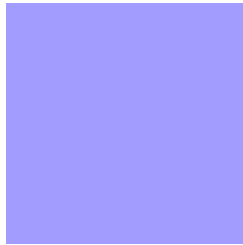
14.3929, 0.3367, 0.1628



1.4069, 0.3347, 0.1617

Previews

White Background



This preview shows how the Yxy color 38.6783, 0.2447, 0.2111 looks on a white background.

Color Contrast Check

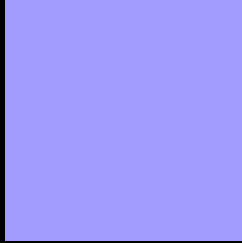
Large Text (above 18pt) WCAG AA × Fail

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 38.6783, 0.2447, 0.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

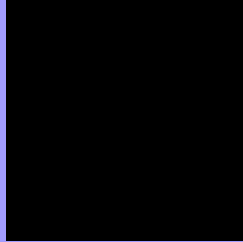
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6783, 0.2447, 0.2111

Background



This preview shows how black text looks on a background with the Yxy color 38.6783, 0.2447, 0.2111.



This preview shows how white text looks on a background with the Yxy color 38.6783, 0.2447, 0.2111.

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

38.6783, 0.2447, 0.2111

Protanopia

38.8393, 0.2287, 0.2159

Deuteranopia

38.7999, 0.2257, 0.2191



Tritanopia

38.6975, 0.2811, 0.3102

Trichromacy



Original Color

38.6783, 0.2447, 0.2111

Protanomaly

38.6390, 0.2340, 0.2137

Deuteranomaly

38.4854, 0.2317, 0.2151

Tritanomaly

38.6010, 0.2668, 0.2695

Monochromacy



Original Color

38.6783, 0.2447, 0.2111

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8280, 0.2851, 0.2807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6783, 0.2447, 0.2111 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(162, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 255)  
}
```

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(162, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 255) }
```

Border

The CSS property to change the border of an element to Yxy 38.6783, 0.2447, 0.2111 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(162, 156, 255) }
```

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

```
.border{ border-color:rgb(162, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6783, 0.2447, 0.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 255) }
```

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

```
.background{ background-color: rgb(162,  
156, 255) }
```

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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