

Converting Colors

$Yxy(39.6803, 0.2486, 0.2233)$

Have a look what the booklet for
Yxy(39.6803, 0.2486, 0.2233)
contains.

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Color

Yxy(39.7406, 0.2481, 0.2232)

Conversions

Conversions Part 1

Format	Color
Hex	A0A1F8
RGB	160, 161, 248
RGB Percent	63%, 63%, 97%
CMY	0.3728, 0.3685, 0.0275
CMYK	0.36, 0.35, 0.00, 0.03
HSL	239°, 86%, 80%
HSV	239°, 36%, 97%
XYZ	44.1740, 39.7406, 94.1347
YIQ	170.6190, -28.5230, 26.8450

Conversions

Conversions Part 2

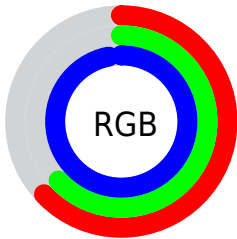
Format	Color
R _{YB}	160, 161, 248
Decimal	10527224
CIE _{Lab}	69.28, 19.69, -43.49
CIE _{LCh}	69, 47.738, 294.364
Yxy	39.7406, 0.2481, 0.2232
Android (android.graphics.Color)	4288717304 (0xFFA0A1F8)
YUV	170.6190, 38.1488, -9.3129
Hunter-Lab	63.0401, 14.7598, -44.4067

Details

The Yxy color **39.7406, 0.2481, 0.2232** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **88.9507, 0.3666, 0.4166**, and the grayscale version is **40.3369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0834, 0.2885, 0.2879**, and **17.9167, 0.2302, 0.1983** is the 20% darker color. If you saturate the color by 10%, you get **29.6972, 0.2266, 0.1878**, and if you desaturate by 10%, it is **51.9733, 0.2687, 0.2569**.

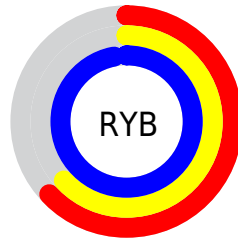
Distribution



Red (63%)

Green (63%)

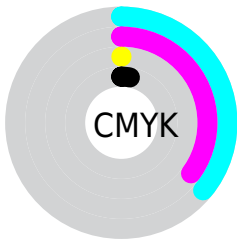
Blue (97%)



Red (63%)

Yellow (63%)

Blue (97%)

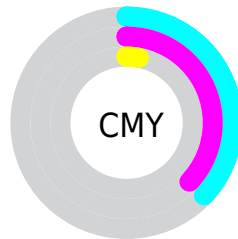


Cyan (36%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (37%)

Magenta (37%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7406, 0.2481, 0.2232 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 39.7406, 0.2481, 0.2232 by changing the saturation by 10% instead.

■ 39.7406, 0.2481,
0.2232

■ 39.7406, 0.2481,
0.2232

345.0290, 0.2808,
0.2735

■ 27.3364, 0.2400,
0.2116

■ 74.7683, 0.2599,
0.2408

■ 17.8260, 0.2299,
0.1974

■ 98.1606, 0.2644,
0.2476

■ 10.8251, 0.2166,
0.1796

125.9844, 0.2682,
0.2534

■ 5.9494, 0.1988,
0.1568

158.6240, 0.2714,
0.2585

■ 2.8143, 0.1742,
0.1272

196.4639, 0.2743,
0.2629

■ 1.0356, 0.1391,
0.0889

239.8884, 0.2767,

■ 0.0000, 0.0804,

0.2669

0.0000

289.2820, 0.2789,
0.2704

0.0000, 0.0000,
0.0000

39.7406, 0.2481,
0.2232

39.7406, 0.2481,
0.2232

29.6972, 0.2266,
0.1878

51.9733, 0.2687,
0.2569

21.7099, 0.2052,
0.1525

66.5093, 0.2875,
0.2878

15.6379, 0.1856,
0.1200

83.4596, 0.3043,
0.3153

11.3209, 0.1693,
0.0929

99.5562, 0.3168,
0.3357

8.5725, 0.1578,
0.0736

■ 7.1642, 0.1517,
0.0630

■ 6.8424, 0.1502,
0.0605

Harmonies

Analogous

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



39.7406, 0.2061, 0.2254



39.7406, 0.2481, 0.2232



39.7406, 0.3121, 0.2430

Triad

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



39.7406, 0.2481, 0.2232



39.7406, 0.4520, 0.3821



39.7406, 0.2399, 0.3823

Complementary

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



39.7406, 0.2481, 0.2232



88.9507, 0.3666, 0.4166

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.



39.7406, 0.3009, 0.4424



39.7406, 0.2481, 0.2232



39.7406, 0.4246, 0.4301

Square

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



39.7406, 0.2481, 0.2232



39.7406, 0.4377, 0.3293



39.7406, 0.3686, 0.4574



39.7406, 0.2011, 0.3087

Rectangle

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



39.7406, 0.2481, 0.2232



39.7406, 0.3606, 0.2664



39.7406, 0.3686, 0.4574



39.7406, 0.2584, 0.4059

Sweetspot

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



39.7421, 0.2481, 0.2232



78.6422, 0.2953, 0.3006



81.2774, 0.2633, 0.3305



16.3170, 0.2930, 0.2968



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.



39.7421, 0.2481, 0.2232



34.0448, 0.2319, 0.1965



44.5238, 0.2797, 0.2306



16.6771, 0.2979, 0.3048



3.7114, 0.1502, 0.0607



0.3554, 0.1507, 0.0626

Inverse Universe

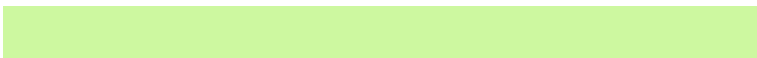
The Inverse Universe completely reimagines the original color for something new.



47.6492, 0.3973, 0.3281



43.7150, 0.4250, 0.3279



82.7007, 0.3367, 0.4270



17.2287, 0.3292, 0.3288



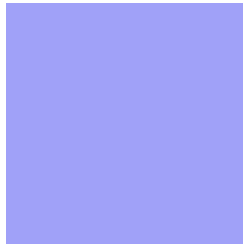
10.7856, 0.6388, 0.3293



1.0001, 0.6357, 0.3275

Previews

White Background



This preview shows how the Yxy color 39.7406, 0.2481, 0.2232 looks on a white background.

Color Contrast Check

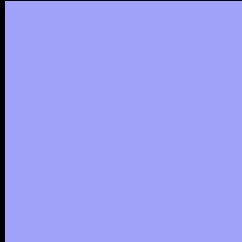
Large Text (above 18pt) WCAG AA × Fail

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 39.7406, 0.2481, 0.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

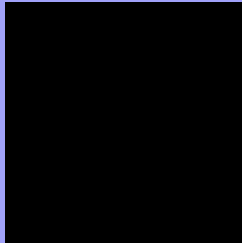
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7406, 0.2481, 0.2232

Background



This preview shows how black text looks on a background with the Yxy color 39.7406, 0.2481, 0.2232.



This preview shows how white text looks on a background with the Yxy color 39.7406, 0.2481, 0.2232.

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

39.7406, 0.2481, 0.2232

Protanopia

39.8762, 0.2341, 0.2222

Deuteranopia

40.0390, 0.2353, 0.2292



Tritanopia

39.5860, 0.2792, 0.3090

Trichromacy



Original Color

39.7406, 0.2481, 0.2232

Protanomaly

39.7190, 0.2385, 0.2217

Deuteranomaly

39.6454, 0.2395, 0.2265

Tritanomaly

39.5587, 0.2672, 0.2748

Monochromacy



Original Color

39.7406, 0.2481, 0.2232

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9764, 0.2868, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7406, 0.2481, 0.2232 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(160, 161, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 161, 248)  
}
```

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(160, 161, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 161, 248) }
```

Border

The CSS property to change the border of an element to Yxy 39.7406, 0.2481, 0.2232 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(160, 161, 248) }
```

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

```
.border{ border-color:rgb(160, 161, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 161, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 161, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 161, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 161,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7406, 0.2481, 0.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 161, 248) }
```

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

```
.background{ background-color: rgb(160,  
161, 248) }
```

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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