

Converting Colors

$Y_{xy}(39.2737, 0.2351, 0.2158)$

Have a look what the booklet for
Yxy(39.2737, 0.2351, 0.2158)
contains.

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Color

Yxy(39.0804, 0.2348, 0.2152)

Conversions

Conversions Part 1

Format	Color
Hex	91A2FF
RGB	145, 162, 255
RGB Percent	57%, 64%, 100%
CMY	0.4315, 0.3646, 0.0001
CMYK	0.43, 0.36, 0.00, 0.00
HSL	231°, 100%, 78%
HSV	231°, 43%, 100%
XYZ	42.6398, 39.0804, 99.8802
YIQ	167.5190, -39.9850, 25.3190

Conversions

Conversions Part 2

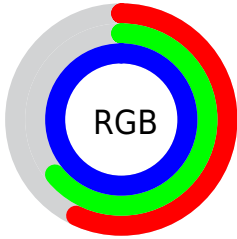
Format	Color
RYB	145, 160, 255
Decimal	9544447
CIELab	68.81, 17.20, -48.11
CIELCh	69, 51.089, 289.679
Yxy	39.0804, 0.2348, 0.2152
Android (android.graphics.Color)	4287734527 (0xFF91A2FF)
YUV	167.5190, 43.1281, -19.7492
Hunter-Lab	62.5143, 12.3512, -50.9686

Details

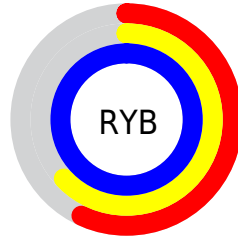
The Yxy color `39.0804, 0.2348, 0.2152` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `84.4076, 0.3839, 0.4214`, and the grayscale version is `38.7088, 0.3127, 0.3290`.

A 20% lighter version of the original color is `69.5422, 0.2795, 0.2880`, and `17.5208, 0.2136, 0.1880` is the 20% darker color. If you saturate the color by 10%, you get `30.0674, 0.2147, 0.1836`, and if you desaturate by 10%, it is `49.9165, 0.2548, 0.2457`.

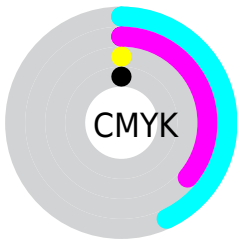
Distribution



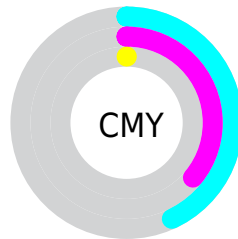
- Red (57%)
- Green (64%)
- Blue (100%)



- Red (57%)
- Yellow (63%)
- Blue (100%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (43%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0804, 0.2348, 0.2152 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 39.0804, 0.2348, 0.2152 by changing the saturation by 10% instead.

 39.0804, 0.2348,
0.2152


 39.0804, 0.2348,
0.2152

342.2322, 0.2738,
0.2692

 26.8223, 0.2254,
0.2029


 73.7611, 0.2488,
0.2340

 17.4398, 0.2136,
0.1878


 96.9525, 0.2541,
0.2413

 10.5485, 0.1984,
0.1691

124.5571, 0.2586,
0.2476

 5.7642, 0.1785,
0.1454

156.9593, 0.2625,
0.2530

 2.7022, 0.1516,
0.1152

194.5436, 0.2659,
0.2578

 0.9783, 0.1150,
0.0773

237.6942, 0.2688,

 0.0000, 0.0514,

0.2621

0.0000

286.7956, 0.2715,
0.2658

■ 0.0000, 0.0000,
0.0000

■ 39.0804, 0.2348,
0.2152

■ 39.0804, 0.2348,
0.2152

■ 30.0674, 0.2147,
0.1836

■ 49.9165, 0.2548,
0.2457

■ 22.7718, 0.1957,
0.1524

■ 62.6651, 0.2740,
0.2740

■ 17.0833, 0.1790,
0.1234

■ 77.4144, 0.2918,
0.2996

■ 12.8766, 0.1657,
0.0987

■ 94.2462, 0.3080,
0.3224

■ 10.0064, 0.1568,
0.0800

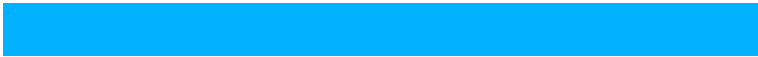
■ 99.9983, 0.3127,
0.3290

■ 8.7025, 0.1530,
0.0709

Harmonies

Analogous

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



39.0804, 0.1948, 0.2211



39.0804, 0.2348, 0.2152



39.0804, 0.2999, 0.2328

Triad

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



39.0804, 0.2348, 0.2152



39.0804, 0.4629, 0.3756



39.0804, 0.2433, 0.3989

Complementary

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



39.0804, 0.2348, 0.2152



84.4076, 0.3839, 0.4214

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.



39.0804, 0.3106, 0.4582



39.0804, 0.2348, 0.2152



39.0804, 0.4391, 0.4289

Square

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



39.0804, 0.2348, 0.2152



39.0804, 0.4407, 0.3200



39.0804, 0.3823, 0.4648



39.0804, 0.1981, 0.3182

Rectangle

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



39.0804, 0.2348, 0.2152



39.0804, 0.3517, 0.2557



39.0804, 0.3823, 0.4648



39.0804, 0.2640, 0.4233

Sweetspot

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



39.0818, 0.2348, 0.2152



77.6563, 0.2920, 0.3000



83.6136, 0.2622, 0.3499



15.8855, 0.2882, 0.2946



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.



39.0818, 0.2348, 0.2152



31.0147, 0.2170, 0.1872



37.3625, 0.2574, 0.2030



17.8319, 0.2979, 0.3083



4.6825, 0.1535, 0.0727



0.5817, 0.1583, 0.0898

Inverse Universe

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



44.1069, 0.4086, 0.3114



37.2589, 0.4404, 0.3084



88.4991, 0.3519, 0.4457



18.0329, 0.3270, 0.3253



11.2007, 0.6188, 0.3182



1.1033, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 39.0804, 0.2348, 0.2152 looks on a white background.

Color Contrast Check

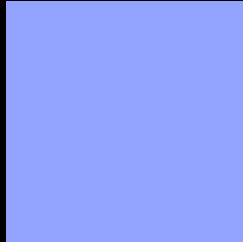
Large Text (above 18pt) WCAG AA × Fail

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 39.0804, 0.2348, 0.2152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

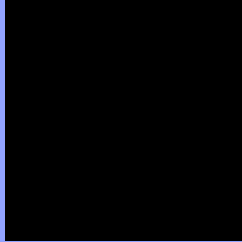
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0804, 0.2348, 0.2152

Background



This preview shows how black text looks on a background with the Yxy color 39.0804, 0.2348, 0.2152.



This preview shows how white text looks on a background with the Yxy color 39.0804, 0.2348, 0.2152.

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

39.0804, 0.2348, 0.2152

Protanopia

39.2812, 0.2295, 0.2173

Deuteranopia

39.2288, 0.2255, 0.2195



Tritanopia

38.9668, 0.2641, 0.3069

Trichromacy



Original Color

39.0804, 0.2348, 0.2152

Protanomaly

39.2599, 0.2316, 0.2167

Deuteranomaly

39.0526, 0.2289, 0.2179

Tritanomaly

38.6728, 0.2521, 0.2682

Monochromacy



Original Color

39.0804, 0.2348, 0.2152

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9162, 0.2802, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0804, 0.2348, 0.2152 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(145, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 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(145, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.0804, 0.2348, 0.2152 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(145, 162, 255) }
```

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

```
.border{ border-color:rgb(145, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0804, 0.2348, 0.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 255) }
```

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

```
.background{ background-color: rgb(145,  
162, 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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