

Converting Colors

$Y_{xy}(39.1628, 0.2395, 0.2142)$

Have a look what the booklet for
Yxy(39.1628, 0.2395, 0.2142)
contains.

Yxy(39.1339, 0.2394, 0.2141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1339, 0.2394, 0.2141)

Conversions

Conversions Part 1

Format	Color
Hex	99A0FF
RGB	153, 160, 255
RGB Percent	60%, 63%, 100%
CMY	0.4001, 0.3725, 0.0000
CMYK	0.40, 0.37, 0.00, 0.00
HSL	236°, 100%, 80%
HSV	236°, 40%, 100%
XYZ	43.7583, 39.1339, 99.8911
YIQ	168.7370, -34.6670, 28.0610

Conversions

Conversions Part 2

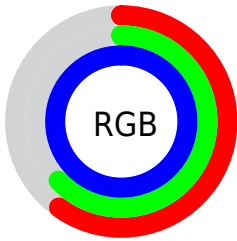
Format	Color
R _Y B	153, 160, 255
Decimal	10068223
CIE Lab	68.85, 20.36, -48.05
CIE LCh	69, 52.180, 292.961
Yxy	39.1339, 0.2394, 0.2141
Android (android.graphics.Color)	4288258303 (0xFF99A0FF)
YUV	168.7370, 42.5277, -13.8013
Hunter-Lab	62.5571, 15.3848, -50.8842

Details

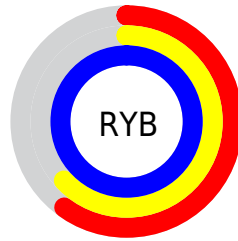
The Yxy color **39.1339, 0.2394, 0.2141** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **90.6725, 0.3753, 0.4225**, and the grayscale version is **39.3349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5225, 0.2838, 0.2863**, and **17.5559, 0.2193, 0.1870** is the 20% darker color. If you saturate the color by 10%, you get **29.4506, 0.2183, 0.1800**, and if you desaturate by 10%, it is **50.9163, 0.2601, 0.2470**.

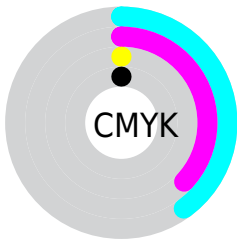
Distribution



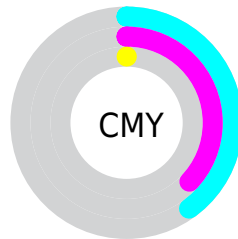
- Red (60%)
- Green (63%)
- Blue (100%)



- Red (60%)
- Yellow (63%)
- Blue (100%)



- Cyan (40%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1339, 0.2394, 0.2141 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 39.1339, 0.2394, 0.2141 by changing the saturation by 10% instead.


 39.1339, 0.2394,
0.2141


 39.1339, 0.2394,
0.2141

342.4594, 0.2763,
0.2684

 26.8639, 0.2304,
0.2018


 73.8428, 0.2527,
0.2329

 17.4710, 0.2191,
0.1867


 97.0506, 0.2577,
0.2403

 10.5709, 0.2046,
0.1680


124.6730, 0.2620,
0.2466

 5.7791, 0.1854,
0.1444

157.0945, 0.2657,
0.2521

 2.7112, 0.1593,
0.1144

194.6995, 0.2689,
0.2569

 0.9829, 0.1232,
0.0769

237.8724, 0.2716,

 0.0000, 0.0646,

0.2612

0.0000

286.9976, 0.2741,
0.2650

0.0000, 0.0000,
0.0000

39.1339, 0.2394,
0.2141

39.1339, 0.2394,
0.2141

29.4506, 0.2183,
0.1800

50.9163, 0.2601,
0.2470

21.7466, 0.1980,
0.1466

64.9157, 0.2794,
0.2774

15.8838, 0.1799,
0.1160

81.2361, 0.2970,
0.3048

11.7079, 0.1655,
0.0909

99.9764, 0.3127,
0.3290

9.0391, 0.1558,
0.0731

100.0000, 0.3127,
0.3290

■ 7.6392, 0.1509,
0.0631

Harmonies

Analogous

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



39.1339, 0.1958, 0.2172



39.1339, 0.2394, 0.2141



39.1339, 0.3079, 0.2344

Triad

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



39.1339, 0.2394, 0.2141



39.1339, 0.4653, 0.3823



39.1339, 0.2354, 0.3916

Complementary

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



39.1339, 0.2394, 0.2141



90.6725, 0.3753, 0.4225

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.



39.1339, 0.3022, 0.4570



39.1339, 0.2394, 0.2141



39.1339, 0.4363, 0.4358

Square

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



39.1339, 0.2394, 0.2141



39.1339, 0.4482, 0.3256



39.1339, 0.3758, 0.4694



39.1339, 0.1927, 0.3094

Rectangle

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



39.1339, 0.2394, 0.2141



39.1339, 0.3612, 0.2589



39.1339, 0.3758, 0.4694



39.1339, 0.2557, 0.4177

Sweetspot

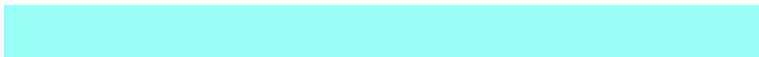
The Sweet Spot groups the original color and five complimentary colors.



39.1325, 0.2394, 0.2141



77.8016, 0.2937, 0.2996



84.9738, 0.2612, 0.3384



16.1808, 0.2914, 0.2962



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.



39.1325, 0.2394, 0.2141



31.2353, 0.2226, 0.1869



41.6591, 0.2689, 0.2151



17.5787, 0.2978, 0.3061



4.0652, 0.1512, 0.0642



0.4627, 0.1538, 0.0737

Inverse Universe

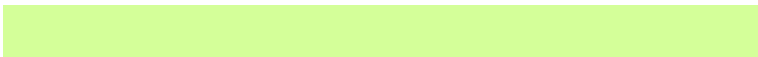
The Inverse Universe completely reimagines the original color for something new.



46.5708, 0.4076, 0.3219



39.8500, 0.4376, 0.3207



87.8885, 0.3437, 0.4391



18.0074, 0.3284, 0.3274



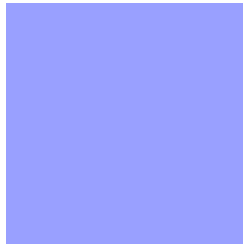
11.1383, 0.6330, 0.3261



1.0913, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 39.1339, 0.2394, 0.2141 looks on a white background.

Color Contrast Check

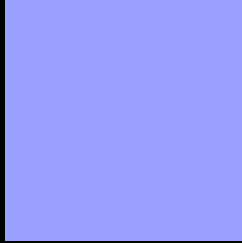
Large Text (above 18pt) WCAG AA × Fail

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 39.1339, 0.2394, 0.2141 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 39.1339, 0.2394, 0.2141

Background



This preview shows how black text looks on a background with the Yxy color 39.1339, 0.2394, 0.2141.



This preview shows how white text looks on a background with the Yxy color 39.1339, 0.2394, 0.2141.

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

39.1339, 0.2394, 0.2141

Protanopia

39.3645, 0.2301, 0.2174

Deuteranopia

39.2413, 0.2265, 0.2206



Tritanopia

39.1372, 0.2710, 0.3086

Trichromacy



Original Color

39.1339, 0.2394, 0.2141

Protanomaly

39.1652, 0.2332, 0.2159

Deuteranomaly

38.9409, 0.2304, 0.2171

Tritanomaly

38.8802, 0.2586, 0.2701

Monochromacy



Original Color

39.1339, 0.2394, 0.2141

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2291, 0.2827, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1339, 0.2394, 0.2141 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(153, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 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(153, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.1339, 0.2394, 0.2141 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(153, 160, 255) }
```

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

```
.border{ border-color:rgb(153, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 160,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1339, 0.2394, 0.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 255) }
```

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

```
.background{ background-color: rgb(153,  
160, 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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