

Converting Colors

$Yxy(39.0527, 0.2397, 0.2339)$

Have a look what the booklet for
Yxy(39.0527, 0.2397, 0.2339)
contains.

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Color

Yxy(39.0527, 0.2397, 0.2339)

Conversions

Conversions Part 1

Format	Color
Hex	8BA6F0
RGB	139, 166, 240
RGB Percent	55%, 65%, 94%
CMY	0.4547, 0.3491, 0.0587
CMYK	0.42, 0.31, 0.00, 0.06
HSL	224°, 77%, 74%
HSV	224°, 42%, 94%
XYZ	40.0211, 39.0527, 87.8894
YIQ	166.3630, -39.8460, 17.2900

Conversions

Conversions Part 2

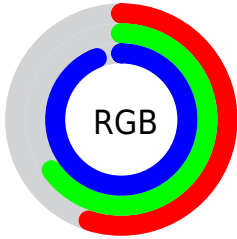
Format	Color
R _Y B	139, 160, 240
Decimal	9152240
CIE Lab	68.79, 9.29, -40.03
CIE LCh	69, 41.093, 283.064
Yxy	39.0527, 0.2397, 0.2339
Android (android.graphics.Color)	4287342320 (0xFF8BA6F0)
YUV	166.3630, 36.3030, -23.9974
Hunter-Lab	62.4922, 4.9533, -39.6414

Details

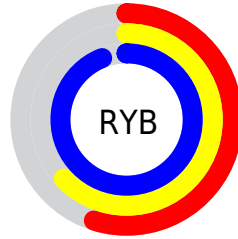
The Yxy color **39.0527, 0.2397, 0.2339** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.0319, 0.3866, 0.4083**, and the grayscale version is **38.1585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6687, 0.2754, 0.2919**, and **17.3343, 0.2189, 0.2081** is the 20% darker color. If you saturate the color by 10%, you get **31.2425, 0.2210, 0.2063**, and if you desaturate by 10%, it is **48.1950, 0.2585, 0.2600**.

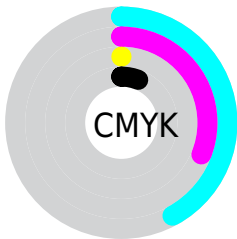
Distribution



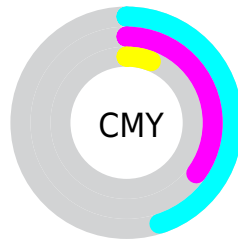
- Red (55%)
- Green (65%)
- Blue (94%)



- Red (55%)
- Yellow (63%)
- Blue (94%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (35%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0527, 0.2397, 0.2339 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 39.0527, 0.2397, 0.2339 by changing the saturation by 10% instead.

■ 39.0527, 0.2397,
0.2339

■ 39.0527, 0.2397,
0.2339

■ 342.1145, 0.2763,
0.2802

■ 26.8007, 0.2308,
0.2230

■ 73.7188, 0.2529,
0.2503

■ 17.4236, 0.2195,
0.2093

■ 96.9018, 0.2579,
0.2566

■ 10.5370, 0.2048,
0.1920

■ 124.4971, 0.2621,
0.2620

■ 5.7564, 0.1853,
0.1693

■ 156.8894, 0.2658,
0.2666

■ 2.6975, 0.1584,
0.1392

■ 194.4628, 0.2689,
0.2707

■ 0.9759, 0.1205,
0.0987

■ 237.6019, 0.2717,

■ 0.0000, 0.0253,

0.2742


0.0000


286.6910, 0.2741,
0.2774


 0.0000, 0.0000,
0.0000


 39.0527, 0.2397,
0.2339


 39.0527, 0.2397,
0.2339


 31.2425, 0.2210,
0.2063


 48.1950, 0.2585,
0.2600


 24.6948, 0.2031,
0.1782

 58.7258, 0.2766,
0.2841


 19.3397, 0.1870,
0.1508

 70.7031, 0.2937,
0.3059

 15.0979, 0.1736,
0.1256

 84.1804, 0.3096,
0.3253

 11.8787, 0.1637,
0.1039

 98.4291, 0.3215,
0.3424

■ 9.9630, 0.1583,
0.0898

■ 99.0731, 0.3214,
0.3434

Harmonies

Analogous

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



39.0527, 0.2106, 0.2448



39.0527, 0.2397, 0.2339



39.0527, 0.2899, 0.2443

Triad

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



39.0527, 0.2397, 0.2339



39.0527, 0.4334, 0.3598



39.0527, 0.2683, 0.3971

Complementary

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



39.0527, 0.2397, 0.2339



68.0319, 0.3866, 0.4083

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.



39.0527, 0.3260, 0.4359



39.0527, 0.2397, 0.2339



39.0527, 0.4235, 0.4045

Square

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



39.0527, 0.2397, 0.2339



39.0527, 0.4067, 0.3132



39.0527, 0.3831, 0.4354



39.0527, 0.2251, 0.3355

Rectangle

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



39.0527, 0.2397, 0.2339



39.0527, 0.3309, 0.2614



39.0527, 0.3831, 0.4354



39.0527, 0.2866, 0.4139

Sweetspot

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



39.0541, 0.2397, 0.2339



79.7059, 0.2921, 0.3039



72.5555, 0.2692, 0.3641



16.3856, 0.2884, 0.2992



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.



39.0541, 0.2397, 0.2339



37.4391, 0.2245, 0.2116



32.3428, 0.2500, 0.2039



15.9145, 0.2980, 0.3112



5.6385, 0.1590, 0.0924



0.6272, 0.1660, 0.1174

Inverse Universe

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



39.7632, 0.3920, 0.2994



39.1595, 0.4159, 0.2942



79.1323, 0.3595, 0.4391



15.8281, 0.3251, 0.3227



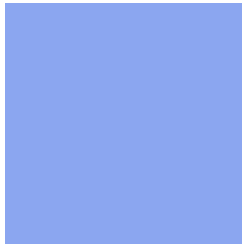
10.3626, 0.5875, 0.3010



0.8780, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 39.0527, 0.2397, 0.2339 looks on a white background.

Color Contrast Check

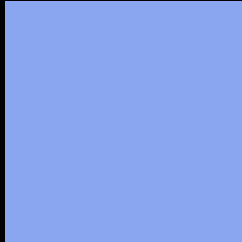
Large Text (above 18pt) WCAG AA × Fail

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 39.0527, 0.2397, 0.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

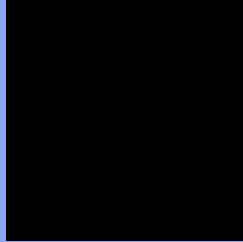
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0527, 0.2397, 0.2339

Background



This preview shows how black text looks on a background with the Yxy color 39.0527, 0.2397, 0.2339.



This preview shows how white text looks on a background with the Yxy color 39.0527, 0.2397, 0.2339.

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

39.0527, 0.2397, 0.2339

Protanopia

39.0716, 0.2432, 0.2344

Deuteranopia

39.0527, 0.2397, 0.2339



Tritanopia

39.2040, 0.2629, 0.3083

Trichromacy



Original Color

39.0527, 0.2397, 0.2339

Protanomaly

38.8930, 0.2419, 0.2341

Deuteranomaly

39.0527, 0.2397, 0.2339

Tritanomaly

38.8844, 0.2541, 0.2784

Monochromacy



Original Color

39.0527, 0.2397, 0.2339

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1906, 0.2821, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0527, 0.2397, 0.2339 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(139, 166, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 240)  
}
```

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(139, 166, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 240) }
```

Border

The CSS property to change the border of an element to Yxy 39.0527, 0.2397, 0.2339 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(139, 166, 240) }
```

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

```
.border{ border-color:rgb(139, 166, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 166, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 240);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0527, 0.2397, 0.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 240) }
```

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

```
.background{ background-color: rgb(139,  
166, 240) }
```

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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