

Converting Colors

Yxy(37.3496, 0.2379, 0.2146)

Have a look what the booklet for
Yxy(37.3496, 0.2379, 0.2146)
contains.

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Color

Yxy(37.2191, 0.2376, 0.2139)

Conversions

Conversions Part 1

Format	Color
Hex	939DFA
RGB	147, 157, 250
RGB Percent	58%, 62%, 98%
CMY	0.4235, 0.3843, 0.0196
CMYK	0.41, 0.37, 0.00, 0.02
HSL	234°, 91%, 78%
HSV	234°, 41%, 98%
XYZ	41.3430, 37.2191, 95.4403
YIQ	164.6120, -35.8130, 26.8030

Conversions

Conversions Part 2

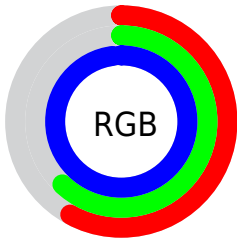
Format	Color
RYB	147, 156, 250
Decimal	9674234
CIELab	67.44, 19.18, -47.54
CIELCh	67, 51.265, 291.973
Yxy	37.2191, 0.2376, 0.2139
Android (android.graphics.Color)	4287864314 (0xFF939DFA)
YUV	164.6120, 42.0963, -15.4457
Hunter-Lab	61.0075, 14.2011, -50.0483

Details

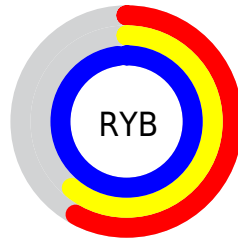
The Yxy color **37.2191, 0.2376, 0.2139** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **84.7400, 0.3782, 0.4225**, and the grayscale version is **37.2400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6459, 0.2797, 0.2814**, and **16.3825, 0.2168, 0.1860** is the 20% darker color. If you saturate the color by 10%, you get **28.2101, 0.2168, 0.1806**, and if you desaturate by 10%, it is **48.1436, 0.2580, 0.2460**.

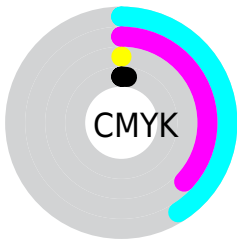
Distribution



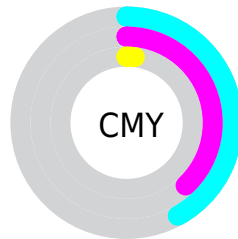
- Red (58%)
- Green (62%)
- Blue (98%)



- Red (58%)
- Yellow (61%)
- Blue (98%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2191, 0.2376, 0.2139 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 37.2191, 0.2376, 0.2139 by changing the saturation by 10% instead.

■ 37.2191, 0.2376,
0.2139

■ 37.2191, 0.2376,
0.2139

334.2581, 0.2756,
0.2688

■ 25.3772, 0.2283,
0.2013

■ 70.9096, 0.2514,
0.2331

■ 16.3583, 0.2165,
0.1859

■ 93.5270, 0.2565,
0.2405

■ 9.7780, 0.2013,
0.1666

120.5050, 0.2610,
0.2469

■ 5.2520, 0.1811,
0.1422

152.2281, 0.2647,
0.2524

■ 2.3959, 0.1537,
0.1112

189.0805, 0.2680,
0.2573

■ 0.8238, 0.1158,
0.0722

231.4467, 0.2709,

■ 0.0000, 0.0397,

0.2616

0.0000

279.7111, 0.2734,
0.2654

0.0000, 0.0000,
0.0000

37.2191, 0.2376,
0.2139

37.2191, 0.2376,
0.2139

28.2101, 0.2168,
0.1806

48.1436, 0.2580,
0.2460

21.0018, 0.1970,
0.1479

61.0811, 0.2774,
0.2758

15.4734, 0.1793,
0.1180

76.1276, 0.2950,
0.3026

11.4878, 0.1653,
0.0930

93.3716, 0.3109,
0.3264

8.8852, 0.1560,
0.0749

99.6816, 0.3156,
0.3338

■ 7.5670, 0.1514,
0.0652

Harmonies

Analogous

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



37.2191, 0.1949, 0.2178



37.2191, 0.2376, 0.2139



37.2191, 0.3054, 0.2335

Triad

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



37.2191, 0.2376, 0.2139



37.2191, 0.4654, 0.3804



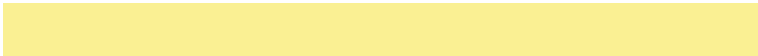
37.2191, 0.2374, 0.3943

Complementary

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



37.2191, 0.2376, 0.2139



84.7400, 0.3782, 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.



37.2191, 0.3046, 0.4582



37.2191, 0.2376, 0.2139



37.2191, 0.4378, 0.4341

Square

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



37.2191, 0.2376, 0.2139



37.2191, 0.4467, 0.3238



37.2191, 0.3780, 0.4688



37.2191, 0.1937, 0.3119

Rectangle

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



37.2191, 0.2376, 0.2139



37.2191, 0.3585, 0.2576



37.2191, 0.3780, 0.4688



37.2191, 0.2579, 0.4200

Sweetspot

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



37.2205, 0.2376, 0.2139



78.2739, 0.2937, 0.3005



80.8422, 0.2609, 0.3407



16.2909, 0.2914, 0.2972



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.



37.2205, 0.2376, 0.2139



31.3727, 0.2213, 0.1878



38.4847, 0.2660, 0.2111



16.9142, 0.2979, 0.3069



4.1047, 0.1518, 0.0665



0.4682, 0.1555, 0.0798

Inverse Universe

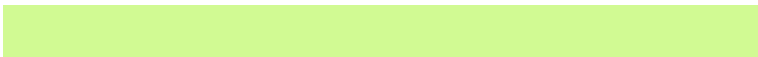
The Inverse Universe completely reimagines the original color for something new.



43.6239, 0.4085, 0.3186



39.1973, 0.4375, 0.3169



83.9982, 0.3456, 0.4420



17.2526, 0.3279, 0.3267



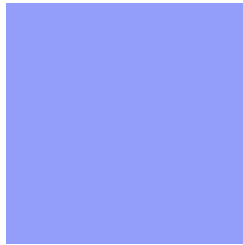
10.8253, 0.6291, 0.3239



1.0115, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 37.2191, 0.2376, 0.2139 looks on a white background.

Color Contrast Check

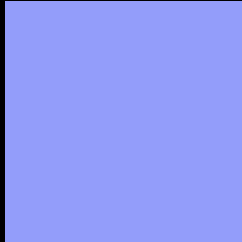
Large Text (above 18pt) WCAG AA × Fail

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 37.2191, 0.2376, 0.2139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

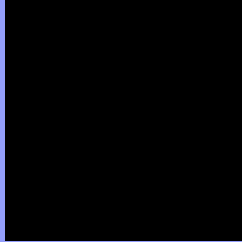
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2191, 0.2376, 0.2139

Background



This preview shows how black text looks on a background with the Yxy color 37.2191, 0.2376, 0.2139.



This preview shows how white text looks on a background with the Yxy color 37.2191, 0.2376, 0.2139.

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

37.2191, 0.2376, 0.2139

Protanopia

37.3274, 0.2267, 0.2132

Deuteranopia

37.2449, 0.2251, 0.2186



Tritanopia

37.3323, 0.2688, 0.3096

Trichromacy



Original Color

37.2191, 0.2376, 0.2139

Protanomaly

37.4041, 0.2304, 0.2139

Deuteranomaly

37.2348, 0.2297, 0.2173

Tritanomaly

37.0607, 0.2564, 0.2701

Monochromacy



Original Color

37.2191, 0.2376, 0.2139

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0953, 0.2812, 0.2821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2191, 0.2376, 0.2139 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(147, 157, 250)` looks like.

```
.text, #text, p{  
    color:rgb(147, 157, 250)  
}
```

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(147, 157, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 157, 250) }
```

Border

The CSS property to change the border of an element to Yxy 37.2191, 0.2376, 0.2139 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(147, 157, 250) }
```

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

```
.border{ border-color:rgb(147, 157, 250) }
```

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

Here you see how a box with a 4 pixel rgb(147, 157, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 157, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 157, 250);  
box-shadow:4px 4px 4px 4px rgb(147, 157,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2191, 0.2376, 0.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 157, 250) }
```

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

```
.background{ background-color: rgb(147,  
157, 250) }
```

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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