

Converting Colors

$Y_{xy}(11.0957, 0.1936, 0.0840)$

Have a look what the booklet for
Yxy(11.0957, 0.1936, 0.0840)
contains.

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Color

Yxy(11.0716, 0.1934, 0.0839)

Conversions

Conversions Part 1

Format	Color
Hex	7600FF
RGB	118, 0, 255
RGB Percent	46%, 0%, 100%
CMY	0.5370, 1.0000, 0.0001
CMYK	0.54, 1.00, 0.00, 0.00
HSL	268°, 100%, 50%
HSV	268°, 100%, 100%
XYZ	25.5214, 11.0716, 95.3688
YIQ	64.3520, -11.5270, 104.3210

Conversions

Conversions Part 2

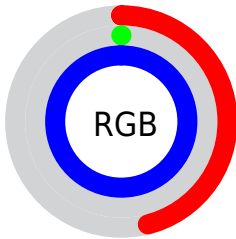
Format	Color
R _Y B	118, 0, 255
Decimal	7733503
CIE Lab	39.70, 82.48, -95.32
CIE LCh	40, 126.053, 310.870
Yxy	11.0716, 0.1934, 0.0839
Android (android.graphics.Color)	4285923583 (0xFF7600FF)
YUV	64.3520, 93.9895, 47.0493
Hunter-Lab	33.2740, 78.6813, -146.6432

Details

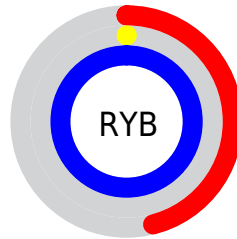
The Yxy color **11.0716, 0.1934, 0.0839** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **76.8076, 0.3405, 0.5679**, and the grayscale version is **5.0426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.1721, 0.2523, 0.1443**, and **4.4245, 0.1586, 0.0647** is the 20% darker color. If you saturate the color by 10%, you get **11.0731, 0.1934, 0.0839**, and if you desaturate by 10%, it is **12.8194, 0.2046, 0.0941**.

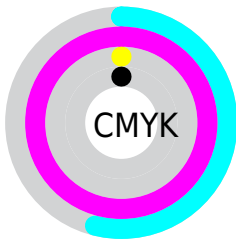
Distribution



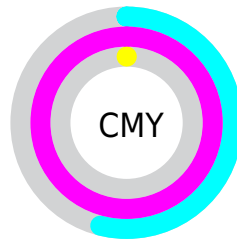
- Red (46%)
- Green (0%)
- Blue (100%)



- Red (46%)
- Yellow (0%)
- Blue (100%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0716, 0.1934, 0.0839 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 11.0716, 0.1934, 0.0839 by changing the saturation by 10% instead.


 11.0716, 0.1934,
0.0839


 11.0716, 0.1934,
0.0839


198.1581, 0.2629,
0.1910


 6.1150, 0.1755,
0.0647


 27.7925, 0.2196,
0.1175


 2.9151, 0.1533,
0.0445


 40.3256, 0.2293,
0.1318


 1.0876, 0.1258,
0.0249

 56.1530, 0.2374,
0.1445

 0.0000, 0.0935,
0.0000

 75.6591, 0.2442,
0.1559

 0.0000, 0.0557,
0.0000

 99.2282, 0.2499,
0.1661

 0.0000, 0.0000,
0.0000

 127.2448, 0.2549,

0.1753

160.0933, 0.2592,
0.1836

■ 11.0716, 0.1934,
0.0839

■ 11.0716, 0.1934,
0.0839

■ 11.0731, 0.1934,
0.0839

■ 12.8194, 0.2046,
0.0941

■ 15.6442, 0.2173,
0.1097

■ 19.8382, 0.2311,
0.1310

■ 25.5811, 0.2454,
0.1570

■ 33.0242, 0.2594,
0.1859

■ 42.3000, 0.2726,
0.2163

■ 53.5275, 0.2847,
0.2467

■ 66.8154, 0.2954,
0.2761

■ 82.2642, 0.3047,
0.3036

Harmonies

Analogous

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



11.0716, 0.0824, 0.0653



11.0716, 0.1934, 0.0839



11.0716, 0.4320, 0.1357

Triad

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



11.0716, 0.1934, 0.0839



11.0716, 0.6048, 0.3952



11.0716, 0.0335, 0.3104

Complementary

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



11.0716, 0.1934, 0.0839



76.8076, 0.3405, 0.5679

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.



11.0716, 0.0919, 0.7558



11.0716, 0.1934, 0.0839



11.0716, 0.4101, 0.5899

Square

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



11.0716, 0.1934, 0.0839



11.0716, 0.7216, 0.2784



11.0716, 0.2119, 0.7881



11.0716, 0.0254, 0.1219

Rectangle

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



11.0716, 0.1934, 0.0839



11.0716, 0.6247, 0.1853



11.0716, 0.2119, 0.7881



11.0716, 0.0451, 0.4430

Sweetspot

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



11.0731, 0.1934, 0.0839



53.5445, 0.2847, 0.2467



26.0412, 0.1810, 0.1717



10.3947, 0.2797, 0.2340



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.



11.0731, 0.1934, 0.0839



11.0766, 0.1934, 0.0839



26.1331, 0.3082, 0.1471



17.7899, 0.3052, 0.3049



5.8744, 0.1951, 0.0848



0.6361, 0.2076, 0.0917

Inverse Universe

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



23.0567, 0.4842, 0.2441



23.0641, 0.4842, 0.2441



71.5806, 0.3007, 0.5994



18.1502, 0.3210, 0.3163



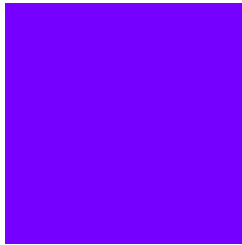
12.0820, 0.4808, 0.2422



1.1985, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 11.0716, 0.1934, 0.0839 looks on a white background.

Color Contrast Check

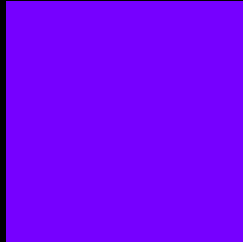
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 11.0716, 0.1934, 0.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

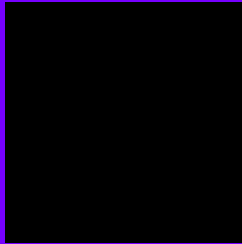
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0716, 0.1934, 0.0839

Background



This preview shows how black text looks on a background with the Yxy color 11.0716, 0.1934, 0.0839.



This preview shows how white text looks on a background with the Yxy color 11.0716, 0.1934, 0.0839.

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

11.0716, 0.1934, 0.0839

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.2297, 0.1863, 0.1906



Tritanopia

11.2873, 0.2641, 0.3092

Trichromacy



Original Color

11.0716, 0.1934, 0.0839

Protanomaly

8.4460, 0.1672, 0.0956

Deuteranomaly

7.9901, 0.1718, 0.1073

Tritanomaly

8.1545, 0.2210, 0.1484

Monochromacy



Original Color

11.0716, 0.1934, 0.0839

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.1641, 0.2374, 0.1412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0716, 0.1934, 0.0839 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(118, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 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(118, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 255) }
```

Border

The CSS property to change the border of an element to Yxy 11.0716, 0.1934, 0.0839 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(118, 0, 255) }
```

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

```
.border{ border-color:rgb(118, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(118, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 0,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0716, 0.1934, 0.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 255) }
```

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

```
.background{ background-color: rgb(118, 0,  
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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