

Converting Colors

$Y_{xy}(11.1315, 0.1966, 0.0857)$

Have a look what the booklet for
Yxy(11.1315, 0.1966, 0.0857)
contains.

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Color

Yxy(11.0932, 0.1967, 0.0857)

Conversions

Conversions Part 1

Format	Color
Hex	7900FC
RGB	121, 0, 252
RGB Percent	47%, 0%, 99%
CMY	0.5252, 1.0000, 0.0118
CMYK	0.52, 1.00, 0.00, 0.01
HSL	269°, 100%, 49%
HSV	269°, 100%, 99%
XYZ	25.4613, 11.0932, 92.8878
YIQ	64.9070, -8.7760, 104.0240

Conversions

Conversions Part 2

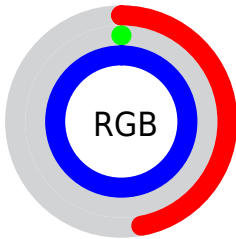
Format	Color
R_{YB}	121, 0, 252
Decimal	7930108
CIE _{Lab}	39.74, 82.07, -93.59
CIE _{LCh}	40, 124.475, 311.250
Yxy	11.0932, 0.1967, 0.0857
Android (android.graphics.Color)	4286120188 (0xFF7900FC)
YUV	64.9070, 92.2368, 49.1936
Hunter-Lab	33.3065, 78.1689, -142.0383

Details

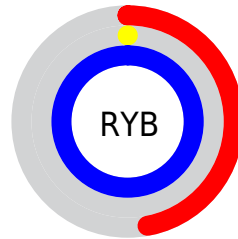
The Yxy color **11.0932, 0.1967, 0.0857** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **74.4350, 0.3380, 0.5698**, and the grayscale version is **5.1332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.5689, 0.2541, 0.1458**, and **4.4305, 0.1620, 0.0666** is the 20% darker color. If you saturate the color by 10%, you get **11.0977, 0.1967, 0.0857**, and if you desaturate by 10%, it is **12.8132, 0.2078, 0.0958**.

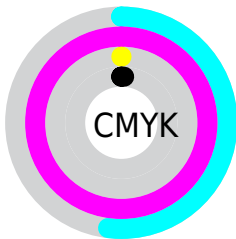
Distribution



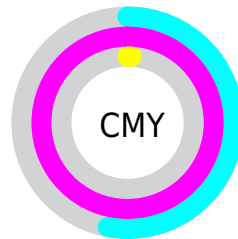
- Red (47%)
- Green (0%)
- Blue (99%)



- Red (47%)
- Yellow (0%)
- Blue (99%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)




- Cyan (53%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0932, 0.1967, 0.0857 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 11.0932, 0.1967, 0.0857 by changing the saturation by 10% instead.


 11.0932, 0.1967,
0.0857


 11.0932, 0.1967,
0.0857


198.3058, 0.2648,
0.1927


 6.1296, 0.1790,
0.0663


 27.8324, 0.2225,
0.1195


 2.9240, 0.1568,
0.0458


 40.3767, 0.2320,
0.1337


 1.0922, 0.1293,
0.0258

 56.2167, 0.2399,
0.1465

 0.0000, 0.0966,
0.0000

 75.7368, 0.2465,
0.1578

 0.0000, 0.0579,
0.0000

 99.3214, 0.2522,
0.1680

 0.0000, 0.0000,
0.0000

 127.3548, 0.2570,

0.1771

160.2215, 0.2611,
0.1853

■ 11.0932, 0.1967,
0.0857

■ 11.0932, 0.1967,
0.0857

■ 11.0977, 0.1967,
0.0857

■ 12.8132, 0.2078,
0.0958

■ 15.5697, 0.2203,
0.1113

■ 19.6506, 0.2338,
0.1324

■ 25.2300, 0.2476,
0.1580

■ 32.4541, 0.2612,
0.1867

■ 41.4514, 0.2740,
0.2168

■ 52.3369, 0.2857,
0.2470

■ 65.2160, 0.2960,
0.2762

■ 80.1859, 0.3050,
0.3037

Harmonies

Analogous

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



11.0932, 0.0845, 0.0666



11.0932, 0.1967, 0.0857



11.0932, 0.4347, 0.1381

Triad

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



11.0932, 0.1967, 0.0857



11.0932, 0.6014, 0.3986



11.0932, 0.0348, 0.3074

Complementary

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



11.0932, 0.1967, 0.0857



74.4350, 0.3380, 0.5698

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.



11.0932, 0.0936, 0.7451



11.0932, 0.1967, 0.0857



11.0932, 0.4084, 0.5916

Square

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



11.0932, 0.1967, 0.0857



11.0932, 0.7183, 0.2817



11.0932, 0.2134, 0.7866



11.0932, 0.0265, 0.1226

Rectangle

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



11.0932, 0.1967, 0.0857



11.0932, 0.6245, 0.1878



11.0932, 0.2134, 0.7866



11.0932, 0.0465, 0.4366

Sweetspot

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



11.0977, 0.1967, 0.0857



53.7457, 0.2857, 0.2470



24.1876, 0.1795, 0.1660



10.4421, 0.2809, 0.2343



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.



11.0977, 0.1967, 0.0857



11.3952, 0.1966, 0.0857



26.1880, 0.3125, 0.1495



17.0521, 0.3055, 0.3050



5.8680, 0.1984, 0.0867



0.6062, 0.2114, 0.0938

Inverse Universe

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



22.3306, 0.4915, 0.2481



22.9393, 0.4917, 0.2482



69.6700, 0.3005, 0.5996



17.3759, 0.3212, 0.3167



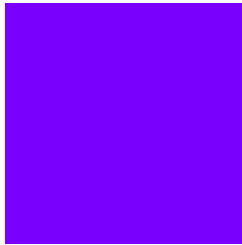
11.6631, 0.4879, 0.2462



1.1016, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 11.0932, 0.1967, 0.0857 looks on a white background.

Color Contrast Check

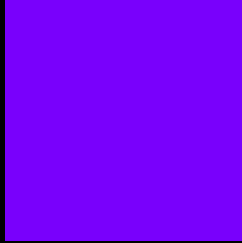
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0932, 0.1967, 0.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

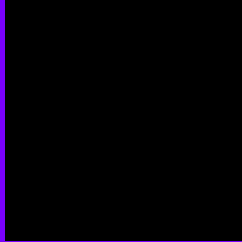
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0932, 0.1967, 0.0857

Background



This preview shows how black text looks on a background with the Yxy color 11.0932, 0.1967, 0.0857.



This preview shows how white text looks on a background with the Yxy color 11.0932, 0.1967, 0.0857.

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

11.0932, 0.1967, 0.0857

Protanopia

11.4601, 0.1751, 0.1504

Deuteranopia

11.4157, 0.1869, 0.1927



Tritanopia

11.3538, 0.2734, 0.3095

Trichromacy



Original Color

11.0932, 0.1967, 0.0857

Protanomaly

8.5184, 0.1680, 0.0971

Deuteranomaly

7.9662, 0.1725, 0.1080

Tritanomaly

8.2756, 0.2292, 0.1518

Monochromacy



Original Color

11.0932, 0.1967, 0.0857

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.2106, 0.2389, 0.1419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0932, 0.1967, 0.0857 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(121, 0, 252)` looks like.

```
.text, #text, p{  
  color:rgb(121, 0, 252)  
}
```

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(121, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 252) }
```

Border

The CSS property to change the border of an element to Yxy 11.0932, 0.1967, 0.0857 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(121, 0, 252) }
```

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

```
.border{ border-color:rgb(121, 0, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 0, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0932, 0.1967, 0.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 252) }
```

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

```
.background{ background-color: rgb(121, 0,  
252) }
```

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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