

Converting Colors

$Y_{xy}(11.2986, 0.1957, 0.0852)$

Have a look what the booklet for
Yxy(11.2986, 0.1957, 0.0852)
contains.

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Color

Yxy(11.2849, 0.1955, 0.0851)

Conversions

Conversions Part 1

Format	Color
Hex	7900FF
RGB	121, 0, 255
RGB Percent	47%, 0%, 100%
CMY	0.5257, 0.9989, 0.0001
CMYK	0.53, 1.00, 0.00, 0.00
HSL	268°, 100%, 50%
HSV	268°, 100%, 100%
XYZ	25.9248, 11.2849, 95.3979
YIQ	65.2490, -9.7390, 104.9570

Conversions

Conversions Part 2

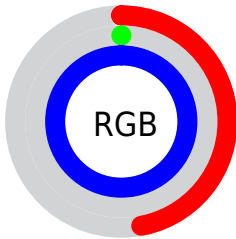
Format	Color
R_{YB}	121, 0, 255
Decimal	7930111
CIE _{Lab}	40.06, 82.64, -94.73
CIE _{LCh}	40, 125.709, 311.101
Yxy	11.2849, 0.1955, 0.0851
Android (android.graphics.Color)	4286120191 (0xFF7900FF)
YUV	65.2490, 93.5472, 48.8936
Hunter-Lab	33.5930, 78.9663, -144.8574

Details

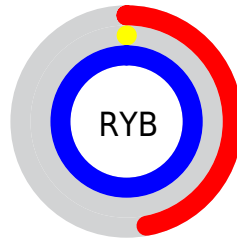
The Yxy color **11.2849, 0.1955, 0.0851** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **76.5994, 0.3390, 0.5690**, and the grayscale version is **5.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.6937, 0.2550, 0.1462**, and **4.5448, 0.1611, 0.0661** is the 20% darker color. If you saturate the color by 10%, you get **11.2680, 0.1954, 0.0850**, and if you desaturate by 10%, it is **13.0454, 0.2066, 0.0953**.

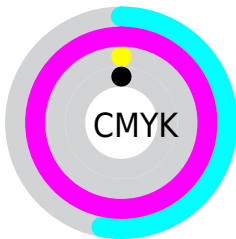
Distribution



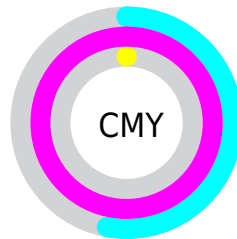
- Red (47%)
- Green (0%)
- Blue (100%)



- Red (47%)
- Yellow (0%)
- Blue (100%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2849, 0.1955, 0.0851 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 11.2849, 0.1955, 0.0851 by changing the saturation by 10% instead.


 11.2849, 0.1955,
0.0851


 11.2849, 0.1955,
0.0851


199.6118, 0.2639,
0.1918


 6.2588, 0.1778,
0.0659


 28.1858, 0.2213,
0.1186


 3.0031, 0.1558,
0.0456


 40.8294, 0.2309,
0.1329


 1.1333, 0.1285,
0.0259

 56.7810, 0.2388,
0.1456

 0.0062, 0.0963,
0.0002

 76.4249, 0.2455,
0.1569

 0.0000, 0.0582,
0.0000

 100.1455, 0.2512,
0.1670

 0.0000, 0.0000,
0.0000

 128.3273, 0.2560,

0.1762

161.3546, 0.2603,
0.1844

■ 11.2849, 0.1955,
0.0851

■ 11.2849, 0.1955,
0.0851

■ 11.2680, 0.1954,
0.0850

■ 13.0454, 0.2066,
0.0953

■ 15.8858, 0.2192,
0.1109

■ 20.0926, 0.2329,
0.1321

■ 25.8450, 0.2469,
0.1579

■ 33.2934, 0.2606,
0.1867

■ 42.5701, 0.2736,
0.2169

■ 53.7936, 0.2854,
0.2472

■ 67.0723, 0.2959,
0.2765

■ 82.5064, 0.3050,
0.3039

Harmonies

Analogous

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



11.2849, 0.0838, 0.0662



11.2849, 0.1955, 0.0851



11.2849, 0.4336, 0.1373

Triad

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



11.2849, 0.1955, 0.0851



11.2849, 0.6026, 0.3974



11.2849, 0.0344, 0.3086

Complementary

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



11.2849, 0.1955, 0.0851



76.5994, 0.3390, 0.5690

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.



11.2849, 0.0932, 0.7488



11.2849, 0.1955, 0.0851



11.2849, 0.4092, 0.5908

Square

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



11.2849, 0.1955, 0.0851



11.2849, 0.7194, 0.2806



11.2849, 0.2131, 0.7869



11.2849, 0.0262, 0.1225

Rectangle

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



11.2849, 0.1955, 0.0851



11.2849, 0.6243, 0.1870



11.2849, 0.2131, 0.7869



11.2849, 0.0461, 0.4391

Sweetspot

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



11.2851, 0.1955, 0.0851



53.6678, 0.2853, 0.2469



24.8625, 0.1795, 0.1661



10.4238, 0.2805, 0.2342



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.



11.2851, 0.1955, 0.0851



11.2705, 0.1954, 0.0850



26.9053, 0.3125, 0.1495



17.7997, 0.3053, 0.3050



5.9765, 0.1971, 0.0859



0.6464, 0.2095, 0.0928

Inverse Universe

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



22.9917, 0.4885, 0.2465



22.9868, 0.4888, 0.2466



71.5611, 0.3005, 0.5996



18.1468, 0.3211, 0.3166



12.0416, 0.4853, 0.2447



1.1945, 0.4614, 0.2315

Previews

White Background



This preview shows how the Yxy color 11.2849, 0.1955, 0.0851 looks on a white background.

Color Contrast Check

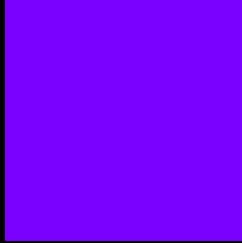
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2849, 0.1955, 0.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

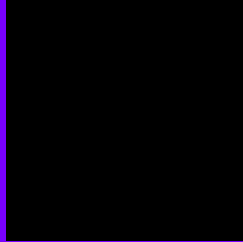
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.2849, 0.1955, 0.0851

Background



This preview shows how black text looks on a background with the Yxy color 11.2849, 0.1955, 0.0851.



This preview shows how white text looks on a background with the Yxy color 11.2849, 0.1955, 0.0851.

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

11.2849, 0.1955, 0.0851

Protanopia

11.5493, 0.1747, 0.1487

Tritanopia

11.4811, 0.2700, 0.3095

Trichromacy



Original Color

11.2849, 0.1955, 0.0851

Protanomaly

8.6213, 0.1676, 0.0964

Tritanomaly

8.4035, 0.2266, 0.1509

Monochromacy



Original Color

11.2849, 0.1955, 0.0851

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.2384, 0.2378, 0.1409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2849, 0.1955, 0.0851 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 255) }
```

Border

The CSS property to change the border of an element to Yxy 11.2849, 0.1955, 0.0851 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, 255) }
```

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

```
.border{ border-color:rgb(121, 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(121, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 11.2849, 0.1955, 0.0851 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, 255) }
```

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

```
.background{ background-color: rgb(121, 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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