

Converting Colors

$Yxy(11.5212, 0.1925, 0.0869)$

Have a look what the booklet for
Yxy(11.5212, 0.1925, 0.0869)
contains.

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Color

Yxy(11.5458, 0.1928, 0.0871)

Conversions

Conversions Part 1

Format	Color
Hex	7417FF
RGB	116, 23, 255
RGB Percent	45%, 9%, 100%
CMY	0.5449, 0.9098, 0.0002
CMYK	0.54, 0.91, 0.00, 0.00
HSL	264°, 100%, 55%
HSV	264°, 91%, 100%
XYZ	25.5572, 11.5458, 95.4550
YIQ	77.2550, -19.0440, 91.8680

Conversions

Conversions Part 2

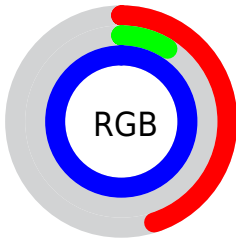
Format	Color
R _Y B	116, 23, 255
Decimal	7608319
CIE Lab	40.48, 79.25, -94.03
CIE LCh	40, 122.972, 310.126
Yxy	11.5458, 0.1928, 0.0871
Android (android.graphics.Color)	4285798399 (0xFF7417FF)
YUV	77.2550, 87.6283, 33.9794
Hunter-Lab	33.9791, 74.7942, -142.7736

Details

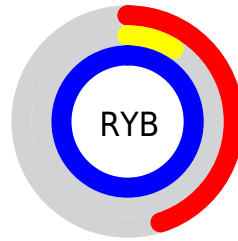
The Yxy color **11.5458, 0.1928, 0.0871** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **79.2286, 0.3540, 0.5523**, and the grayscale version is **7.3097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **24.1885, 0.2511, 0.1493**, and **4.3713, 0.1574, 0.0641** is the 20% darker color. If you saturate the color by 10%, you get **10.0580, 0.1827, 0.0780**, and if you desaturate by 10%, it is **14.2221, 0.2059, 0.1026**.

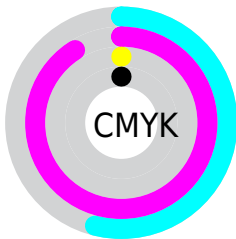
Distribution



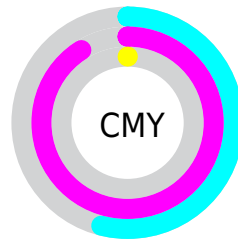
- Red (45%)
- Green (9%)
- Blue (100%)



- Red (45%)
- Yellow (9%)
- Blue (100%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5458, 0.1928, 0.0871 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 11.5458, 0.1928, 0.0871 by changing the saturation by 10% instead.


 11.5458, 0.1928,
0.0871


 11.5458, 0.1928,
0.0871


201.3747, 0.2622,
0.1935

 6.4352, 0.1750,
0.0678


 28.6651, 0.2189,
0.1207


 3.1115, 0.1529,
0.0473


 41.4426, 0.2285,
0.1349

 1.1902, 0.1256,
0.0272

 57.5446, 0.2366,
0.1475

 0.0537, 0.0935,
0.0019

 77.3554, 0.2434,
0.1588

 0.0000, 0.0558,
0.0000

 101.2594, 0.2492,
0.1689

 0.0000, 0.0000,
0.0000

 129.6410, 0.2541,

0.1779

162.8847, 0.2584,
0.1861

■ 11.5458, 0.1928,
0.0871

■ 11.5458, 0.1928,
0.0871

■ 10.0580, 0.1827,
0.0780

■ 14.2221, 0.2059,
0.1026

■ 18.2778, 0.2206,
0.1242

■ 23.8989, 0.2360,
0.1507

■ 31.2408, 0.2515,
0.1805

■ 40.4397, 0.2663,
0.2117

51.6176, 0.2799,
0.2429

64.8857, 0.2921,
0.2729

80.3471, 0.3027,
0.3009

98.0977, 0.3119,
0.3266

Harmonies

Analogous

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



11.5458, 0.0845, 0.0689



11.5458, 0.1928, 0.0871



11.5458, 0.4219, 0.1383

Triad

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



11.5458, 0.1928, 0.0871



11.5458, 0.6046, 0.3954



11.5458, 0.0389, 0.3218

Complementary

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



11.5458, 0.1928, 0.0871



79.2286, 0.3540, 0.5523

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.



11.5458, 0.1026, 0.7463



11.5458, 0.1928, 0.0871



11.5458, 0.4183, 0.5817

Square

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



11.5458, 0.1928, 0.0871



11.5458, 0.7169, 0.2831



11.5458, 0.2258, 0.7742



11.5458, 0.0285, 0.1296

Rectangle

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



11.5458, 0.1928, 0.0871



11.5458, 0.6091, 0.1880



11.5458, 0.2258, 0.7742



11.5458, 0.0521, 0.4518

Sweetspot

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



11.5460, 0.1928, 0.0871



56.6622, 0.2849, 0.2550



33.3018, 0.1911, 0.2031



11.2007, 0.2806, 0.2446



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.



11.5460, 0.1928, 0.0871



10.0616, 0.1827, 0.0780



24.9463, 0.2977, 0.1441



17.7333, 0.3042, 0.3049



5.3386, 0.1844, 0.0790



0.5813, 0.1970, 0.0859

Inverse Universe

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



24.4706, 0.4414, 0.2248



23.5504, 0.4578, 0.2295



72.1415, 0.3037, 0.5915



18.1698, 0.3200, 0.3149



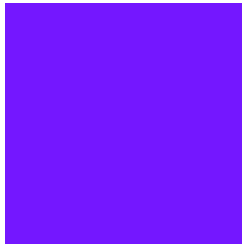
12.3359, 0.4549, 0.2280



1.2227, 0.4354, 0.2172

Previews

White Background



This preview shows how the Yxy color 11.5458, 0.1928, 0.0871 looks on a white background.

Color Contrast Check

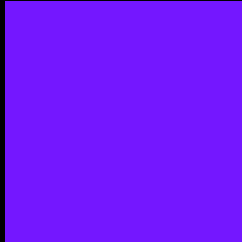
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5458, 0.1928, 0.0871 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 11.5458, 0.1928, 0.0871

Background



This preview shows how black text looks on a background with the Yxy color 11.5458, 0.1928, 0.0871.



This preview shows how white text looks on a background with the Yxy color 11.5458, 0.1928, 0.0871.

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

11.5458, 0.1928, 0.0871

Protanopia

11.5045, 0.1749, 0.1496

Deuteranopia

11.4520, 0.1865, 0.1914



Tritanopia

11.6048, 0.2592, 0.3092

Trichromacy



Original Color

11.5458, 0.1928, 0.0871



Protanomaly

9.4644, 0.1691, 0.1042



Deuteranomaly

9.0759, 0.1742, 0.1179



Tritanomaly

9.3050, 0.2209, 0.1625

Monochromacy



Original Color

11.5458, 0.1928, 0.0871



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.1034, 0.2414, 0.1608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5458, 0.1928, 0.0871 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(116, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 23, 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(116, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 23, 255) }
```

Border

The CSS property to change the border of an element to Yxy 11.5458, 0.1928, 0.0871 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(116, 23, 255) }
```

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

```
.border{ border-color:rgb(116, 23, 255) }
```

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

Here you see how a box with a 4 pixel rgb(116, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 23,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5458, 0.1928, 0.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 23, 255) }
```

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

```
.background{ background-color: rgb(116, 23,  
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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