

Converting Colors

$Y_{xy}(11.7025, 0.1776, 0.1018)$

Have a look what the booklet for
Yxy(11.7025, 0.1776, 0.1018)
contains.

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Color

Yxy(11.7022, 0.1776, 0.1018)

Conversions

Conversions Part 1

Format	Color
Hex	4A43EF
RGB	74, 67, 239
RGB Percent	29%, 26%, 94%
CMY	0.7094, 0.7374, 0.0628
CMYK	0.69, 0.72, 0.00, 0.06
HSL	242°, 84%, 60%
HSV	242°, 72%, 94%
XYZ	20.4156, 11.7022, 82.8350
YIQ	88.7010, -51.0400, 54.9760

Conversions

Conversions Part 2

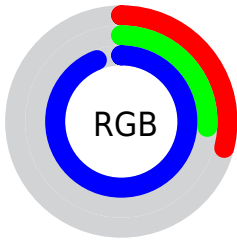
Format	Color
R _Y B	74, 67, 239
Decimal	4867055
CIE Lab	40.74, 54.88, -84.75
CIE LCh	41, 100.967, 302.923
Yxy	11.7022, 0.1776, 0.1018
Android (android.graphics.Color)	4283057135 (0xFF4A43EF)
YUV	88.7010, 74.0974, -12.8928
Hunter-Lab	34.2085, 46.6640, -119.6234

Details

The Yxy color **11.7022, 0.1776, 0.1018** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **79.2616, 0.4030, 0.4907**, and the grayscale version is **9.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.7822, 0.2245, 0.1619**, and **3.8431, 0.1521, 0.0674** is the 20% darker color. If you saturate the color by 10%, you get **8.6734, 0.1637, 0.0797**, and if you desaturate by 10%, it is **16.2336, 0.1955, 0.1309**.

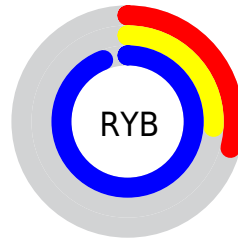
Distribution



Red (29%)

Green (26%)

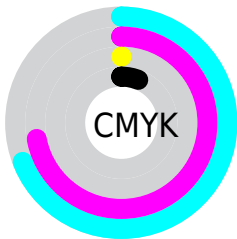
Blue (94%)



Red (29%)

Yellow (26%)

Blue (94%)

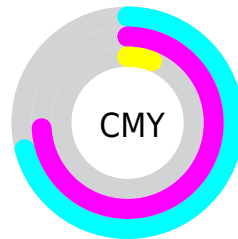


Cyan (69%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.7022, 0.1776, 0.1018 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 11.7022, 0.1776, 0.1018 by changing the saturation by 10% instead.

■ 11.7022, 0.1776,
0.1018

■ 11.7022, 0.1776,
0.1018

202.4237, 0.2536,
0.2079

■ 6.5412, 0.1584,
0.0809

■ 28.9515, 0.2060,
0.1367

■ 3.1769, 0.1346,
0.0580

■ 41.8087, 0.2165,
0.1510

■ 1.2248, 0.1056,
0.0345

■ 58.0001, 0.2253,
0.1636

■ 0.0818, 0.0722,
0.0038

■ 77.9101, 0.2328,
0.1747

■ 0.0000, 0.0291,
0.0000

■ 101.9230, 0.2392,
0.1845

■ 0.0000, 0.0000,
0.0000

130.4233, 0.2447,

0.1932

163.7954, 0.2494,
0.2009

■ 11.7022, 0.1776,
0.1018

■ 11.7022, 0.1776,
0.1018

■ 8.6734, 0.1637,
0.0797

■ 16.2336, 0.1955,
0.1309

■ 6.9540, 0.1547,
0.0660

■ 22.4277, 0.2159,
0.1646

■ 6.2954, 0.1509,
0.0605

■ 30.4250, 0.2371,
0.2000

■ 40.3506, 0.2578,
0.2350

■ 52.3188, 0.2771,
0.2678

■ 66.4349, 0.2945,
0.2977

■ 82.7968, 0.3099,
0.3242

■ 99.0113, 0.3220,
0.3444

Harmonies

Analogous

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



11.7022, 0.0909, 0.0898



11.7022, 0.1776, 0.1018



11.7022, 0.3529, 0.1452

Triad

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



11.7022, 0.1776, 0.1018



11.7022, 0.6144, 0.3856



11.7022, 0.0783, 0.4060

Complementary

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



11.7022, 0.1776, 0.1018



79.2616, 0.4030, 0.4907

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.



11.7022, 0.1714, 0.7129



11.7022, 0.1776, 0.1018



11.7022, 0.4714, 0.5286

Square

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



11.7022, 0.1776, 0.1018



11.7022, 0.6800, 0.2930



11.7022, 0.3072, 0.6928



11.7022, 0.0491, 0.1850

Rectangle

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



11.7022, 0.1776, 0.1018



11.7022, 0.5099, 0.1915



11.7022, 0.3072, 0.6928



11.7022, 0.1018, 0.5210

Sweetspot

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



11.7024, 0.1776, 0.1018



60.4701, 0.2769, 0.2675



65.8458, 0.2300, 0.3215



12.0851, 0.2718, 0.2588



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.



11.7024, 0.1776, 0.1018



9.0171, 0.1591, 0.0727



17.5838, 0.2397, 0.1324



15.2600, 0.2986, 0.3046



3.4931, 0.1513, 0.0607



0.3015, 0.1546, 0.0626

Inverse Universe

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



28.1771, 0.3274, 0.1769



29.1511, 0.3299, 0.1644



68.3571, 0.3421, 0.5320



16.0194, 0.3144, 0.3067



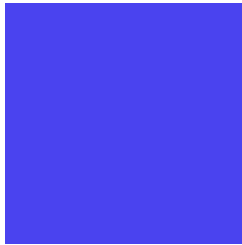
13.2747, 0.3316, 0.1600



1.1078, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 11.7022, 0.1776, 0.1018 looks on a white background.

Color Contrast Check

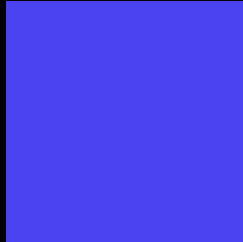
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7022, 0.1776, 0.1018 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 11.7022, 0.1776, 0.1018

Background



This preview shows how black text looks on a background with the Yxy color 11.7022, 0.1776, 0.1018.



This preview shows how white text looks on a background with the Yxy color 11.7022, 0.1776, 0.1018.

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

11.7022, 0.1776, 0.1018

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.4520, 0.1865, 0.1914



Tritanopia

11.5003, 0.2196, 0.3104

Trichromacy



Original Color

11.7022, 0.1776, 0.1018

Protanomaly

11.0727, 0.1714, 0.1250

Deuteranomaly

10.8552, 0.1772, 0.1438

Tritanomaly

10.3905, 0.1910, 0.1883

Monochromacy



Original Color

11.7022, 0.1776, 0.1018

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7833, 0.2370, 0.1993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7022, 0.1776, 0.1018 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(74, 67, 239)` looks like.

```
.text, #text, p{  
  color:rgb(74, 67, 239)  
}
```

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(74, 67, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 67, 239) }
```

Border

The CSS property to change the border of an element to Yxy 11.7022, 0.1776, 0.1018 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(74, 67, 239) }
```

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

```
.border{ border-color:rgb(74, 67, 239) }
```

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

Here you see how a box with a 4 pixel rgb(74, 67, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 67, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 67, 239);  
box-shadow:4px 4px 4px 4px rgb(74, 67,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7022, 0.1776, 0.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 67, 239) }
```

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

```
.background{ background-color: rgb(74, 67,  
239) }
```

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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