

Converting Colors

$Yxy(14.4926, 0.1968, 0.1229)$

Have a look what the booklet for
Yxy(14.4926, 0.1968, 0.1229)
contains.

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Color

Yxy(14.5022, 0.1970, 0.1230)

Conversions

Conversions Part 1

Format	Color
Hex	6550EB
RGB	101, 80, 235
RGB Percent	40%, 31%, 92%
CMY	0.6041, 0.6862, 0.0784
CMYK	0.57, 0.66, 0.00, 0.08
HSL	248°, 79%, 62%
HSV	248°, 66%, 92%
XYZ	23.2271, 14.5022, 80.1748
YIQ	103.9490, -37.2390, 52.6570

Conversions

Conversions Part 2

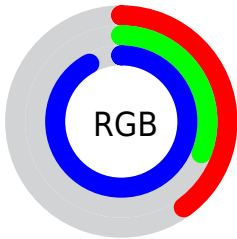
Format	Color
R _Y B	101, 80, 235
Decimal	6639851
CIE Lab	44.94, 49.91, -75.52
CIE LCh	45, 90.525, 303.457
Yxy	14.5022, 0.1970, 0.1230
Android (android.graphics.Color)	4284829931 (0xFF6550EB)
YUV	103.9490, 64.6081, -2.5863
Hunter-Lab	38.0818, 42.2290, -98.1680

Details

The Yxy color **14.5022, 0.1970, 0.1230** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **74.3043, 0.3874, 0.4887**, and the grayscale version is **13.6604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2391, 0.2414, 0.1827**, and **4.3858, 0.1583, 0.0787** is the 20% darker color. If you saturate the color by 10%, you get **10.6103, 0.1800, 0.0964**, and if you desaturate by 10%, it is **19.8877, 0.2162, 0.1545**.

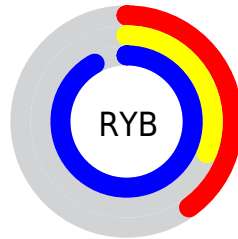
Distribution



Red (40%)

Green (31%)

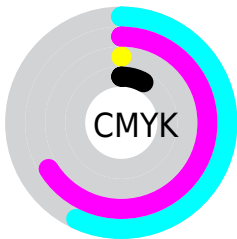
Blue (92%)



Red (40%)

Yellow (31%)

Blue (92%)

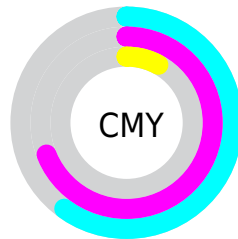


Cyan (57%)

Magenta (66%)

Yellow (0%)

Black (8%)



Cyan (60%)


Magenta (69%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5022, 0.1970, 0.1230 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 14.5022, 0.1970, 0.1230 by changing the saturation by 10% instead.


 14.5022, 0.1970,
0.1230


 14.5022, 0.1970,
0.1230


220.3331, 0.2622,
0.2210


 8.4708, 0.1800,
0.1024

 33.9775, 0.2216,
0.1561


 4.3976, 0.1585,
0.0790


 48.1901, 0.2307,
0.1694


 1.8984, 0.1311,
0.0532


 65.8987, 0.2382,
0.1809

 0.5474, 0.0971,
0.0254

 87.4874, 0.2445,
0.1910

 0.0000, 0.0566,
0.0000

 113.3409, 0.2500,
0.1999

 0.0000, 0.0000,
0.0000

143.8434, 0.2546,

0.2078

179.3793, 0.2587,
0.2147

■ 14.5022, 0.1970,
0.1230

■ 14.5022, 0.1970,
0.1230

■ 10.6103, 0.1800,
0.0964

■ 19.8877, 0.2162,
0.1545

■ 8.0573, 0.1664,
0.0769

■ 26.8982, 0.2362,
0.1886

■ 6.6557, 0.1571,
0.0655


■ 35.6516, 0.2557,
0.2230

■ 6.3014, 0.1545,
0.0625

■ 46.2548, 0.2739,
0.2560

■ 58.8058, 0.2904,
0.2866

 73.3958, 0.3050,
0.3141

 90.1103, 0.3176,
0.3385

 98.7784, 0.3244,
0.3483

Harmonies

Analogous

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



14.5022, 0.1121, 0.1109



14.5022, 0.1970, 0.1230



14.5022, 0.3535, 0.1661

Triad

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



14.5022, 0.1970, 0.1230



14.5022, 0.5936, 0.4064



14.5022, 0.1058, 0.3943

Complementary

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



14.5022, 0.1970, 0.1230



74.3043, 0.3874, 0.4887

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.



14.5022, 0.2006, 0.6378



14.5022, 0.1970, 0.1230



14.5022, 0.4716, 0.5284

Square

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



14.5022, 0.1970, 0.1230



14.5022, 0.6367, 0.3139



14.5022, 0.3335, 0.6602



14.5022, 0.0711, 0.2067

Rectangle

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



14.5022, 0.1970, 0.1230



14.5022, 0.4849, 0.2109



14.5022, 0.3335, 0.6602



14.5022, 0.1307, 0.4833

Sweetspot

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



14.5026, 0.1970, 0.1230



64.2384, 0.2838, 0.2743



55.9696, 0.2287, 0.3016



12.8450, 0.2791, 0.2656



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.



14.5026, 0.1970, 0.1230



11.5556, 0.1749, 0.0889



21.2242, 0.2623, 0.1535



14.6465, 0.3001, 0.3048



3.5381, 0.1553, 0.0629



0.3088, 0.1654, 0.0685

Inverse Universe

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



28.2612, 0.3421, 0.1962



29.4461, 0.3490, 0.1819



65.3037, 0.3322, 0.5234



15.2767, 0.3159, 0.3089



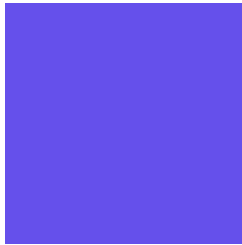
12.2502, 0.3582, 0.1747



0.9716, 0.3523, 0.1714

Previews

White Background



This preview shows how the Yxy color 14.5022, 0.1970, 0.1230 looks on a white background.

Color Contrast Check

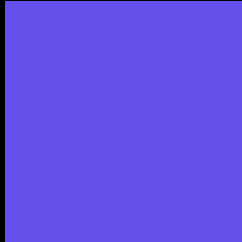
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5022, 0.1970, 0.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

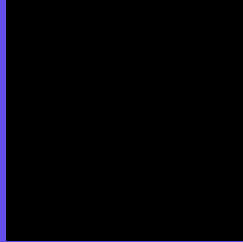
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5022, 0.1970, 0.1230

Background



This preview shows how black text looks on a background with the Yxy color 14.5022, 0.1970, 0.1230.



This preview shows how white text looks on a background with the Yxy color 14.5022, 0.1970, 0.1230.

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

14.5022, 0.1970, 0.1230

Protanopia

14.4606, 0.1741, 0.1469

Deuteranopia

14.4824, 0.1854, 0.1873



Tritanopia

14.3597, 0.2416, 0.3059

Trichromacy



Original Color

14.5022, 0.1970, 0.1230

Protanomaly

13.7264, 0.1750, 0.1329

Deuteranomaly

13.4883, 0.1813, 0.1526

Tritanomaly

13.5995, 0.2191, 0.2099

Monochromacy



Original Color

14.5022, 0.1970, 0.1230

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.3350, 0.2552, 0.2217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5022, 0.1970, 0.1230 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(101, 80, 235)` looks like.

```
.text, #text, p{  
    color:rgb(101, 80, 235)  
}
```

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(101, 80, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 80, 235) }
```

Border

The CSS property to change the border of an element to Yxy 14.5022, 0.1970, 0.1230 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(101, 80, 235) }
```

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

```
.border{ border-color:rgb(101, 80, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 80, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 80, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 80, 235);  
box-shadow:4px 4px 4px 4px rgb(101, 80,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5022, 0.1970, 0.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 80, 235) }
```

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

```
.background{ background-color: rgb(101, 80,  
235) }
```

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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