

Converting Colors

$Y_{xy}(14.5178, 0.2069, 0.1043)$

Have a look what the booklet for
Yxy(14.5178, 0.2069, 0.1043)
contains.

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Color

Yxy(14.4932, 0.2066, 0.1042)

Conversions

Conversions Part 1

Format	Color
Hex	8433FF
RGB	132, 51, 255
RGB Percent	52%, 20%, 100%
CMY	0.4826, 0.7996, 0.0001
CMYK	0.48, 0.80, 0.00, 0.00
HSL	264°, 100%, 60%
HSV	264°, 80%, 100%
XYZ	28.7360, 14.4932, 95.8610
YIQ	98.4750, -17.2080, 80.6160

Conversions

Conversions Part 2

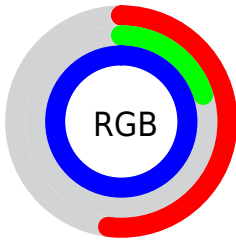
Format	Color
R _Y B	132, 51, 255
Decimal	8664063
CIE Lab	44.93, 72.94, -86.63
CIE LCh	45, 113.251, 310.098
Yxy	14.4932, 0.2066, 0.1042
Android (android.graphics.Color)	4286854143 (0xFF8433FF)
YUV	98.4750, 77.1668, 29.4014
Hunter-Lab	38.0699, 68.1134, -122.6446

Details

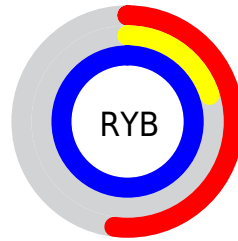
The Yxy color **14.4932, 0.2066, 0.1042** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80.7517, 0.3578, 0.5366**, and the grayscale version is **12.1541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4145, 0.2640, 0.1701**, and **5.1212, 0.1730, 0.0727** is the 20% darker color. If you saturate the color by 10%, you get **11.6891, 0.1933, 0.0880**, and if you desaturate by 10%, it is **18.7009, 0.2215, 0.1264**.

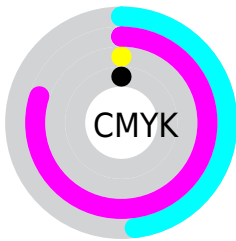
Distribution



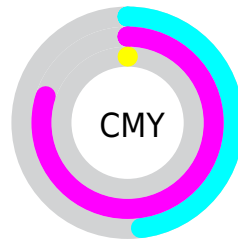
- Red (52%)
- Green (20%)
- Blue (100%)



- Red (52%)
- Yellow (20%)
- Blue (100%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)




- Cyan (48%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4932, 0.2066, 0.1042 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 14.4932, 0.2066, 0.1042 by changing the saturation by 10% instead.


 14.4932, 0.2066,
0.1042


 14.4932, 0.2066,
0.1042


 220.2778, 0.2676,
0.2047

 8.4645, 0.1907,
0.0849


 33.9616, 0.2296,
0.1367


 4.3936, 0.1707,
0.0636


 48.1701, 0.2381,
0.1501

 1.8961, 0.1454,
0.0413


 65.8740, 0.2452,
0.1620

 0.5460, 0.1139,
0.0188

 87.4576, 0.2511,
0.1726

 0.0000, 0.0761,
0.0000

 113.3054, 0.2562,
0.1820

 0.0000, 0.0204,
0.0000

 143.8018, 0.2605,

 0.0000, 0.0000,

0.1903

0.0000

179.3311, 0.2643,
0.1979

■ 14.4932, 0.2066,
0.1042

■ 14.4932, 0.2066,
0.1042

■ 11.6891, 0.1933,
0.0880

■ 18.7009, 0.2215,
0.1264

■ 9.9956, 0.1821,
0.0777

■ 24.4933, 0.2371,
0.1534

■ 9.9897, 0.1820,
0.0776

■ 32.0239, 0.2526,
0.1835

■ 41.4275, 0.2674,
0.2148

■ 52.8250, 0.2810,
0.2460

■ 66.3270, 0.2931,
0.2758

■ 82.0357, 0.3037,
0.3037

99.9978, 0.3127,
0.3290

Harmonies

Analogous

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



14.4932, 0.1009, 0.0853



14.4932, 0.2066, 0.1042



14.4932, 0.4110, 0.1558

Triad

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



14.4932, 0.2066, 0.1042



14.4932, 0.5891, 0.4109



14.4932, 0.0602, 0.3321

Complementary

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



14.4932, 0.2066, 0.1042



80.7517, 0.3578, 0.5366

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.



14.4932, 0.1353, 0.6775



14.4932, 0.2066, 0.1042



14.4932, 0.4288, 0.5712

Square

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



14.4932, 0.2066, 0.1042



14.4932, 0.6863, 0.3070



14.4932, 0.2637, 0.7363



14.4932, 0.0435, 0.1519

Rectangle

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



14.4932, 0.2066, 0.1042



14.4932, 0.5722, 0.2054



14.4932, 0.2637, 0.7363



14.4932, 0.0771, 0.4406

Sweetspot

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



14.4936, 0.2066, 0.1042



60.6301, 0.2884, 0.2640



39.2955, 0.2009, 0.2249



11.9611, 0.2840, 0.2533



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.



14.4936, 0.2066, 0.1042



10.5834, 0.1863, 0.0813



26.6128, 0.2972, 0.1514



17.7291, 0.3041, 0.3049



5.3021, 0.1837, 0.0785



0.5775, 0.1962, 0.0855

Inverse Universe

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



26.6907, 0.4194, 0.2236



23.9480, 0.4487, 0.2261



73.2288, 0.3073, 0.5735



18.1712, 0.3199, 0.3148



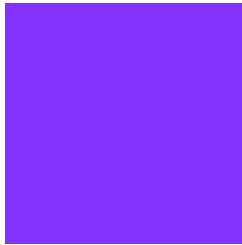
12.3563, 0.4530, 0.2269



1.2246, 0.4338, 0.2163

Previews

White Background



This preview shows how the Yxy color 14.4932, 0.2066, 0.1042 looks on a white background.

Color Contrast Check

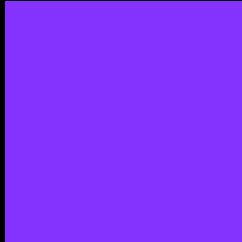
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4932, 0.2066, 0.1042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

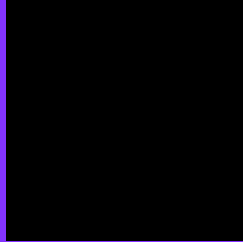
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4932, 0.2066, 0.1042

Background



This preview shows how black text looks on a background with the Yxy color 14.4932, 0.2066, 0.1042.



This preview shows how white text looks on a background with the Yxy color 14.4932, 0.2066, 0.1042.

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

14.4932, 0.2066, 0.1042

Protanopia

14.4090, 0.1744, 0.1476

Deuteranopia

14.4401, 0.1857, 0.1885



Tritanopia

14.3658, 0.2848, 0.3116

Trichromacy



Original Color

14.4932, 0.2066, 0.1042



Protanomaly

12.5281, 0.1731, 0.1166



Deuteranomaly

12.2610, 0.1794, 0.1346



Tritanomaly

12.7946, 0.2454, 0.1895

Monochromacy



Original Color

14.4932, 0.2066, 0.1042



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

11.8144, 0.2583, 0.1959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4932, 0.2066, 0.1042 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(132, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 51, 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(132, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 51, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.4932, 0.2066, 0.1042 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(132, 51, 255) }
```

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

```
.border{ border-color:rgb(132, 51, 255) }
```

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

Here you see how a box with a 4 pixel rgb(132, 51, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 51,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4932, 0.2066, 0.1042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 51, 255) }
```

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

```
.background{ background-color: rgb(132, 51,  
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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