

Converting Colors

$Yxy(15.0537, 0.1878, 0.1099)$

Have a look what the booklet for
Yxy(15.0537, 0.1878, 0.1099)
contains.

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Color

Yxy(14.9856, 0.1877, 0.1095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 624CFF |
| RGB | 98, 76, 255 |
| RGB Percent | 38%, 30%, 100% |
| CMY | 0.6151, 0.7023, 0.0000 |
| CMYK | 0.62, 0.70, 0.00, 0.00 |
| HSL | 247°, 100%, 65% |
| HSV | 247°, 70%, 100% |
| XYZ | 25.6876, 14.9856, 96.1815 |
| YIQ | 102.9840, -44.3470, 60.3330 |

Conversions

Conversions Part 2

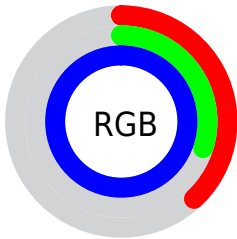
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 98, 76, 255 |
| Decimal | 6442239 |
| CIE _{Lab} | 45.61, 57.69, -85.67 |
| CIE _{LCh} | 46, 103.282, 303.957 |
| Y _{xy} | 14.9856, 0.1877, 0.1095 |
| Android (android.graphics.Color) | 4284632319 (0xFF624CFF) |
| Y _{UV} | 102.9840, 74.9439, -4.3710 |
| Hunter-Lab | 38.7112, 50.7027, -120.2135 |

Details

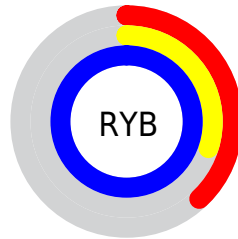
The Yxy color **14.9856, 0.1877, 0.1095** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **89.3277, 0.3916, 0.4955**, and the grayscale version is **13.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.1853, 0.2408, 0.1784**, and **4.7700, 0.1527, 0.0697** is the 20% darker color. If you saturate the color by 10%, you get **11.0663, 0.1721, 0.0859**, and if you desaturate by 10%, it is **20.6376, 0.2062, 0.1393**.

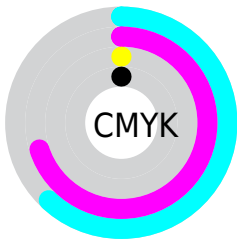
Distribution



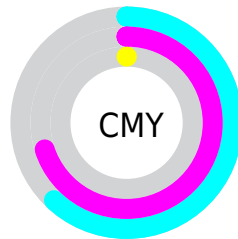
- Red (38%)
- Green (30%)
- Blue (100%)



- Red (38%)
- Yellow (30%)
- Blue (100%)



- Cyan (62%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)




- Cyan (62%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9856, 0.1877, 0.1095 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 14.9856, 0.1877, 0.1095 by changing the saturation by 10% instead.


 14.9856, 0.1877,
0.1095


 14.9856, 0.1877,
0.1095


223.2790, 0.2566,
0.2095


 8.8093, 0.1705,
0.0898


 34.8279, 0.2131,
0.1422


 4.6170, 0.1493,
0.0681


 49.2627, 0.2227,
0.1556

 2.0243, 0.1231,
0.0449

 67.2191, 0.2307,
0.1674

 0.6216, 0.0915,
0.0218

 89.0815, 0.2375,
0.1779

 0.0000, 0.0559,
0.0000

 115.2343, 0.2433,
0.1872

 0.0000, 0.0000,
0.0000

146.0619, 0.2484,

0.1954

181.9487, 0.2528,
0.2028

■ 14.9856, 0.1877,
0.1095

■ 14.9856, 0.1877,
0.1095

■ 11.0663, 0.1721,
0.0859

■ 20.6376, 0.2062,
0.1393

■ 8.6818, 0.1606,
0.0701

■ 28.2026, 0.2262,
0.1728

■ 7.5213, 0.1537,
0.0620

■ 37.8303, 0.2463,
0.2076

■ 49.6574, 0.2655,
0.2416

■ 63.8088, 0.2831,
0.2735

■ 80.3998, 0.2987,
0.3026

99.5384, 0.3124,
0.3285

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



14.9856, 0.0994, 0.0966



14.9856, 0.1877, 0.1095



14.9856, 0.3594, 0.1539

Triad

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



14.9856, 0.1877, 0.1095



14.9856, 0.6040, 0.3960



14.9856, 0.0858, 0.3936

Complementary

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



14.9856, 0.1877, 0.1095



89.3277, 0.3916, 0.4955

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.



14.9856, 0.1784, 0.6818



14.9856, 0.1877, 0.1095



14.9856, 0.4669, 0.5331

Square

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



14.9856, 0.1877, 0.1095



14.9856, 0.6658, 0.3028



14.9856, 0.3131, 0.6869



14.9856, 0.0558, 0.1888

Rectangle

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



14.9856, 0.1877, 0.1095



14.9856, 0.5076, 0.2003



14.9856, 0.3131, 0.6869



14.9856, 0.1092, 0.4983

Sweetspot

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



14.9832, 0.1877, 0.1095



62.6269, 0.2818, 0.2711



67.6605, 0.2262, 0.3032



12.5283, 0.2771, 0.2625



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.



14.9832, 0.1877, 0.1095



9.9987, 0.1673, 0.0790



22.8621, 0.2549, 0.1423



17.4857, 0.2998, 0.3045



3.9635, 0.1545, 0.0625



0.4184, 0.1621, 0.0667

Inverse Universe

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



32.2893, 0.3424, 0.1890



28.4571, 0.3488, 0.1770



78.0216, 0.3333, 0.5344



18.2593, 0.3157, 0.3084



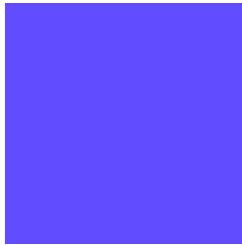
13.9181, 0.3550, 0.1729



1.3656, 0.3506, 0.1705

Previews

White Background



This preview shows how the Yxy color 14.9856, 0.1877, 0.1095 looks on a white background.

Color Contrast Check

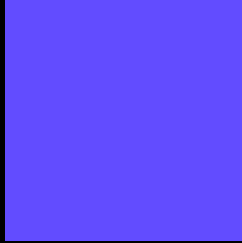
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9856, 0.1877, 0.1095 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 14.9856, 0.1877, 0.1095

Background



This preview shows how black text looks on a background with the Yxy color 14.9856, 0.1877, 0.1095.



This preview shows how white text looks on a background with the Yxy color 14.9856, 0.1877, 0.1095.

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

14.9856, 0.1877, 0.1095

Protanopia

14.7625, 0.1741, 0.1469

Deuteranopia

14.7397, 0.1856, 0.1881



Tritanopia

14.7766, 0.2250, 0.3056

Trichromacy



Original Color

14.9856, 0.1877, 0.1095

Protanomaly

13.9733, 0.1728, 0.1266

Deuteranomaly

13.8639, 0.1789, 0.1461

Tritanomaly

13.5408, 0.2017, 0.1949

Monochromacy



Original Color

14.9856, 0.1877, 0.1095

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0640, 0.2470, 0.2088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9856, 0.1877, 0.1095 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(98, 76, 255) looks like.

```
.text, #text, p{  
  color:rgb(98, 76, 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(98, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 76, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.9856, 0.1877, 0.1095 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(98, 76, 255) }
```

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

```
.border{ border-color:rgb(98, 76, 255) }
```

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

Here you see how a box with a 4 pixel rgb(98, 76, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 76,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9856, 0.1877, 0.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 76, 255) }
```

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

```
.background{ background-color: rgb(98, 76,  
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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