

Converting Colors

Yxy(41.7054, 0.2690, 0.2153)

Have a look what the booklet for
Yxy(41.7054, 0.2690, 0.2153)
contains.

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Color

Yxy(41.7382, 0.2693, 0.2153)

Conversions

Conversions Part 1

Format	Color
Hex	C499FF
RGB	196, 153, 255
RGB Percent	77%, 60%, 100%
CMY	0.2314, 0.4000, 0.0000
CMYK	0.23, 0.40, 0.00, 0.00
HSL	265°, 100%, 80%
HSV	265°, 40%, 100%
XYZ	52.2067, 41.7382, 99.9158
YIQ	177.4850, -7.1140, 40.8380

Conversions

Conversions Part 2

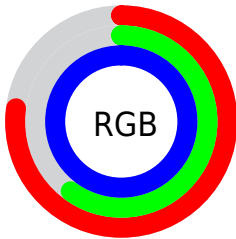
Format	Color
RYB	196, 153, 255
Decimal	12884479
CIELab	70.69, 35.82, -44.89
CIELCh	71, 57.424, 308.587
Yxy	41.7382, 0.2693, 0.2153
Android (android.graphics.Color)	4291074559 (0xFFC499FF)
YUV	177.4850, 38.2149, 16.2377
Hunter-Lab	64.6051, 31.1849, -46.4721

Details

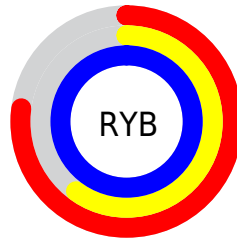
The Yxy color **41.7382, 0.2693, 0.2153** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.8170, 0.3434, 0.4392**, and the grayscale version is **44.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4026, 0.3142, 0.2830**, and **18.9600, 0.2557, 0.1889** is the 20% darker color. If you saturate the color by 10%, you get **32.3834, 0.2551, 0.1843**, and if you desaturate by 10%, it is **53.0736, 0.2823, 0.2462**.

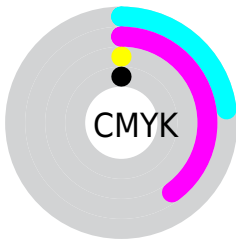
Distribution



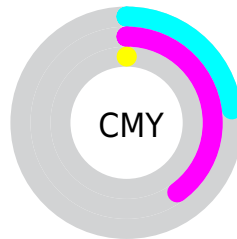
- Red (77%)
- Green (60%)
- Blue (100%)



- Red (77%)
- Yellow (60%)
- Blue (100%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7382, 0.2693, 0.2153 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 41.7382, 0.2693, 0.2153 by changing the saturation by 10% instead.

 41.7382, 0.2693,
0.2153


 41.7382, 0.2693,
0.2153


353.3965, 0.2921,
0.2677

 28.8964, 0.2635,
0.2036


 77.8032, 0.2777,
0.2333

 19.0024, 0.2561,
0.1895


 101.7952, 0.2808,
0.2404

 11.6720, 0.2463,
0.1719


130.2727, 0.2834,
0.2465

 6.5208, 0.2330,
0.1500

163.6201, 0.2857,
0.2518

 3.1642, 0.2140,
0.1220

202.2218, 0.2876,
0.2565

 1.2181, 0.1858,
0.0867

246.4622, 0.2893,

 0.0764, 0.1471,

0.2607

0.0118

296.7256, 0.2908,
0.2644

0.0000, 0.0000,
0.0000

41.7382, 0.2693,
0.2153

41.7382, 0.2693,
0.2153

32.3834, 0.2551,
0.1843

53.0736, 0.2823,
0.2462

24.8848, 0.2401,
0.1547

66.4955, 0.2939,
0.2759

19.1101, 0.2250,
0.1281

82.1067, 0.3040,
0.3036

14.9066, 0.2105,
0.1062

100.0000, 0.3127,
0.3290

12.0931, 0.1974,
0.0902

■ 10.3772, 0.1861,
0.0799

■ 10.3771, 0.1861,
0.0799

Harmonies

Analogous

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



41.7382, 0.2086, 0.2050



41.7382, 0.2693, 0.2153



41.7382, 0.3519, 0.2479

Triad

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



41.7382, 0.2693, 0.2153



41.7382, 0.4649, 0.4153



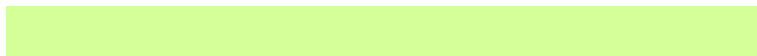
41.7382, 0.2022, 0.3488

Complementary

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



41.7382, 0.2693, 0.2153



87.8170, 0.3434, 0.4392

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.



41.7382, 0.2612, 0.4367



41.7382, 0.2693, 0.2153



41.7382, 0.4131, 0.4659

Square

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



41.7382, 0.2693, 0.2153



41.7382, 0.4746, 0.3553



41.7382, 0.3385, 0.4818



41.7382, 0.1740, 0.2687

Rectangle

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



41.7382, 0.2693, 0.2153



41.7382, 0.4077, 0.2794



41.7382, 0.3385, 0.4818



41.7382, 0.2187, 0.3796

Sweetspot

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



41.7395, 0.2693, 0.2153



78.8029, 0.3021, 0.2982



61.3305, 0.2496, 0.2791



16.4159, 0.3009, 0.2947



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.



41.7395, 0.2693, 0.2153



34.1010, 0.2580, 0.1905



49.6868, 0.3103, 0.2280



17.7519, 0.3045, 0.3049



5.5055, 0.1878, 0.0808



0.5986, 0.2004, 0.0877

Inverse Universe

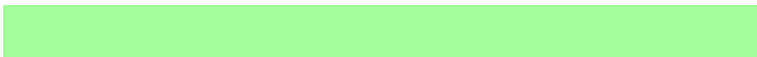
The Inverse Universe completely reimagines the original color for something new.



48.7969, 0.3552, 0.2687



42.2566, 0.3674, 0.2571



81.4494, 0.3117, 0.4509



18.1633, 0.3203, 0.3153



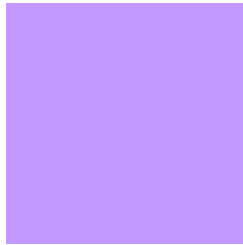
12.2482, 0.4634, 0.2326



1.2144, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 41.7382, 0.2693, 0.2153 looks on a white background.

Color Contrast Check

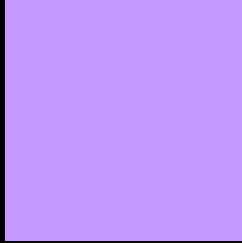
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.7382, 0.2693, 0.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

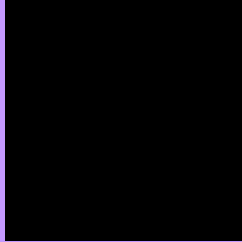
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7382, 0.2693, 0.2153

Background



This preview shows how black text looks on a background with the Yxy color 41.7382, 0.2693, 0.2153.



This preview shows how white text looks on a background with the Yxy color 41.7382, 0.2693, 0.2153.

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

41.7382, 0.2693, 0.2153

Protanopia

41.8987, 0.2359, 0.2250

Deuteranopia

42.1328, 0.2366, 0.2310



Tritanopia

41.8206, 0.3144, 0.3119

Trichromacy



Original Color

41.7382, 0.2693, 0.2153



Protanomaly

41.5574, 0.2467, 0.2209



Deuteranomaly

41.5156, 0.2472, 0.2245



Tritanomaly

41.4892, 0.2968, 0.2716

Monochromacy



Original Color

41.7382, 0.2693, 0.2153



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.6034, 0.2966, 0.2821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7382, 0.2693, 0.2153 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(196, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 153, 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(196, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.7382, 0.2693, 0.2153 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(196, 153, 255) }
```

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

```
.border{ border-color:rgb(196, 153, 255) }
```

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

Here you see how a box with a 4 pixel rgb(196, 153, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 153,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7382, 0.2693, 0.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 153, 255) }
```

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

```
.background{ background-color: rgb(196,  
153, 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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