

Converting Colors

$Y_{xy}(41.6563, 0.2688, 0.2152)$

Have a look what the booklet for
Yxy(41.6563, 0.2688, 0.2152)
contains.

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Color

Yxy(41.6046, 0.2685, 0.2151)

Conversions

Conversions Part 1

Format	Color
Hex	C399FF
RGB	195, 153, 255
RGB Percent	76%, 60%, 100%
CMY	0.2355, 0.3999, 0.0001
CMYK	0.24, 0.40, 0.00, 0.00
HSL	265°, 100%, 80%
HSV	265°, 40%, 100%
XYZ	51.9332, 41.6046, 99.8820
YIQ	177.1860, -7.7100, 40.6260

Conversions

Conversions Part 2

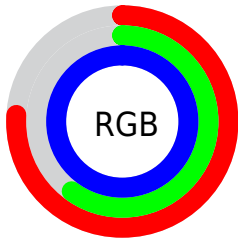
Format	Color
RYB	195, 153, 255
Decimal	12818943
CIELab	70.60, 35.50, -45.02
CIELCh	71, 57.335, 308.254
Yxy	41.6046, 0.2685, 0.2151
Android (android.graphics.Color)	4291009023 (0xFFC399FF)
YUV	177.1860, 38.3623, 15.6229
Hunter-Lab	64.5016, 30.8407, -46.6605

Details

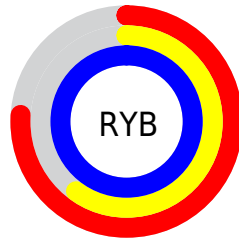
The Yxy color **41.6046, 0.2685, 0.2151** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.9626, 0.3441, 0.4389**, and the grayscale version is **43.8663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2144, 0.3134, 0.2829**, and **18.8735, 0.2547, 0.1886** is the 20% darker color. If you saturate the color by 10%, you get **32.2306, 0.2541, 0.1840**, and if you desaturate by 10%, it is **52.9662, 0.2818, 0.2461**.

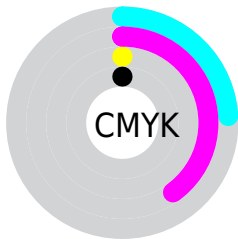
Distribution



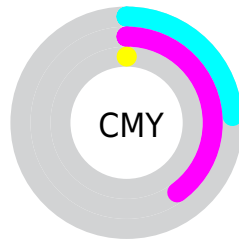
- Red (76%)
- Green (60%)
- Blue (100%)



- Red (76%)
- Yellow (60%)
- Blue (100%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6046, 0.2685, 0.2151 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 41.6046, 0.2685, 0.2151 by changing the saturation by 10% instead.


 41.6046, 0.2685,
0.2151


 41.6046, 0.2685,
0.2151


352.8412, 0.2916,
0.2676

 28.7918, 0.2626,
0.2034

 77.6009, 0.2770,
0.2331

 18.9234, 0.2551,
0.1892


 101.5531, 0.2802,
0.2402

 11.6149, 0.2452,
0.1716


129.9873, 0.2829,
0.2463

 6.4821, 0.2317,
0.1496

163.2878, 0.2851,
0.2517

 3.1404, 0.2124,
0.1216

201.8391, 0.2871,
0.2564

 1.2054, 0.1839,
0.0861

246.0255, 0.2888,

 0.0661, 0.1449,

0.2606

0.0103

296.2314, 0.2903,
0.2643

■ 0.0000, 0.0000,
0.0000

■ 41.6046, 0.2685,
0.2151

■ 41.6046, 0.2685,
0.2151

■ 32.2306, 0.2541,
0.1840

■ 52.9662, 0.2818,
0.2461

■ 24.7188, 0.2388,
0.1541

■ 66.4207, 0.2936,
0.2758

■ 18.9368, 0.2235,
0.1274

■ 82.0715, 0.3039,
0.3036

■ 14.7314, 0.2089,
0.1054

99.9986, 0.3127,
0.3290

■ 11.9214, 0.1957,
0.0893

■ 10.2144, 0.1844,
0.0790

■ 10.2118, 0.1844,
0.0789

Harmonies

Analogous

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



41.6046, 0.2081, 0.2051



41.6046, 0.2685, 0.2151



41.6046, 0.3509, 0.2475

Triad

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



41.6046, 0.2685, 0.2151



41.6046, 0.4652, 0.4146



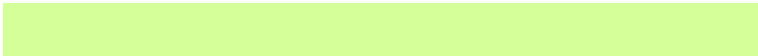
41.6046, 0.2027, 0.3498

Complementary

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



41.6046, 0.2685, 0.2151



87.9626, 0.3441, 0.4389

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.



41.6046, 0.2620, 0.4374



41.6046, 0.2685, 0.2151



41.6046, 0.4138, 0.4655

Square

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



41.6046, 0.2685, 0.2151



41.6046, 0.4744, 0.3546



41.6046, 0.3394, 0.4819



41.6046, 0.1742, 0.2695

Rectangle

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



41.6046, 0.2685, 0.2151



41.6046, 0.4068, 0.2788



41.6046, 0.3394, 0.4819



41.6046, 0.2194, 0.3806

Sweetspot

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



41.6062, 0.2685, 0.2151



78.7479, 0.3019, 0.2982



62.1881, 0.2500, 0.2812



16.4030, 0.3006, 0.2946



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.



41.6062, 0.2685, 0.2151



33.9438, 0.2570, 0.1901



49.3848, 0.3089, 0.2276



17.7424, 0.3043, 0.3049



5.4192, 0.1861, 0.0799



0.5897, 0.1986, 0.0868

Inverse Universe

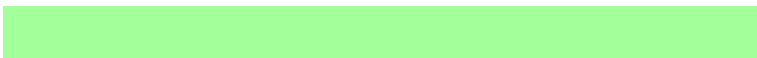
The Inverse Universe completely reimagines the original color for something new.



48.8558, 0.3542, 0.2677



42.3178, 0.3661, 0.2559



81.6175, 0.3127, 0.4504



18.1666, 0.3202, 0.3151



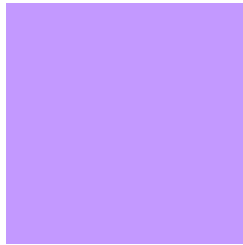
12.2925, 0.4590, 0.2302



1.2186, 0.4389, 0.2191

Previews

White Background



This preview shows how the Yxy color 41.6046, 0.2685, 0.2151 looks on a white background.

Color Contrast Check

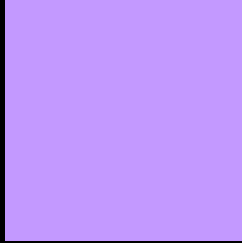
Large Text (above 18pt) WCAG AA × Fail

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 41.6046, 0.2685, 0.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

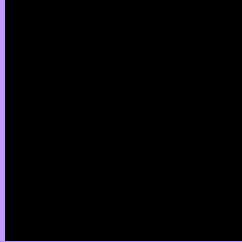
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6046, 0.2685, 0.2151

Background



This preview shows how black text looks on a background with the Yxy color 41.6046, 0.2685, 0.2151.



This preview shows how white text looks on a background with the Yxy color 41.6046, 0.2685, 0.2151.

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

41.6046, 0.2685, 0.2151

Protanopia

41.8987, 0.2359, 0.2250

Deuteranopia

41.7536, 0.2363, 0.2297



Tritanopia

41.6984, 0.3135, 0.3118

Trichromacy



Original Color

41.6046, 0.2685, 0.2151

Protanomaly

41.5574, 0.2467, 0.2209

Deuteranomaly

41.1563, 0.2471, 0.2233

Tritanomaly

41.3626, 0.2959, 0.2714

Monochromacy



Original Color

41.6046, 0.2685, 0.2151

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 41.6046, 0.2685, 0.2151 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(195, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.6046, 0.2685, 0.2151 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(195, 153, 255) }
```

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

```
.border{ border-color:rgb(195, 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(195, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6046, 0.2685, 0.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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