

Converting Colors

$Y_{xy}(41.8119, 0.2552, 0.2194)$

Have a look what the booklet for
Yxy(41.8119, 0.2552, 0.2194)
contains.

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Color

Yxy(41.9398, 0.2553, 0.2198)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1FF
RGB	176, 161, 255
RGB Percent	69%, 63%, 100%
CMY	0.3095, 0.3687, 0.0000
CMYK	0.31, 0.37, 0.00, 0.00
HSL	250°, 100%, 82%
HSV	250°, 37%, 100%
XYZ	48.7135, 41.9398, 100.1556
YIQ	176.2010, -21.2340, 32.4140

Conversions

Conversions Part 2

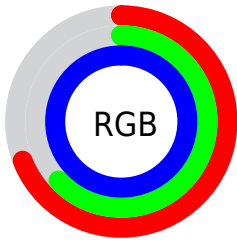
Format	Color
R_{YB}	176, 161, 255
Decimal	11575807
CIE _{Lab}	70.83, 25.87, -44.80
CIE _{LCh}	71, 51.734, 300.005
Yxy	41.9398, 0.2553, 0.2198
Android (android.graphics.Color)	4289765887 (0xFFB0A1FF)
YUV	176.2010, 38.8479, -0.1763
Hunter-Lab	64.7609, 20.9370, -46.3619

Details

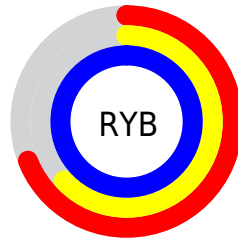
The Yxy color **41.9398, 0.2553, 0.2198** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.6014, 0.3580, 0.4245**, and the grayscale version is **43.3316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6554, 0.2992, 0.2892**, and **19.0794, 0.2391, 0.1937** is the 20% darker color. If you saturate the color by 10%, you get **31.6165, 0.2361, 0.1855**, and if you desaturate by 10%, it is **54.4737, 0.2733, 0.2529**.

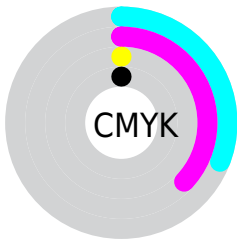
Distribution



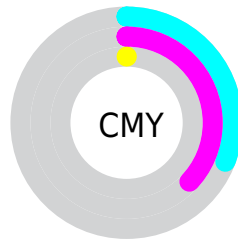
- Red (69%)
- Green (63%)
- Blue (100%)



- Red (69%)
- Yellow (63%)
- Blue (100%)



- Cyan (31%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (31%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9398, 0.2553, 0.2198 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 41.9398, 0.2553, 0.2198 by changing the saturation by 10% instead.


 41.9398, 0.2553,
0.2198


 41.9398, 0.2553,
0.2198


354.2333, 0.2844,
0.2708

 29.0542, 0.2481,
0.2083


 78.1085, 0.2659,
0.2374

 19.1218, 0.2390,
0.1943

 102.1604, 0.2698,
0.2443

 11.7583, 0.2272,
0.1769


130.7031, 0.2732,
0.2502

 6.5793, 0.2113,
0.1549

164.1210, 0.2761,
0.2554

 3.2004, 0.1893,
0.1266

202.7986, 0.2786,
0.2599

 1.2373, 0.1577,
0.0905

247.1203, 0.2808,

 0.0918, 0.1144,

0.2640


0.0146

297.4704, 0.2827,
0.2675

 0.0000, 0.0000,
0.0000

 41.9398, 0.2553,
0.2198


 41.9398, 0.2553,
0.2198


 31.6165, 0.2361,
0.1855


 54.4737, 0.2733,
0.2529

 23.3743, 0.2164,
0.1517


 69.3372, 0.2896,
0.2837

 17.0698, 0.1974,
0.1207

 86.6408, 0.3040,
0.3116

 12.5415, 0.1806,
0.0949

100.0000, 0.3127,
0.3290

 9.6009, 0.1672,
0.0762

■ 8.0126, 0.1579,
0.0654

■ 7.6901, 0.1558,
0.0632

Harmonies

Analogous

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



41.9398, 0.2065, 0.2172



41.9398, 0.2553, 0.2198



41.9398, 0.3262, 0.2445

Triad

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



41.9398, 0.2553, 0.2198



41.9398, 0.4580, 0.3943



41.9398, 0.2255, 0.3708

Complementary

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



41.9398, 0.2553, 0.2198



92.6014, 0.3580, 0.4245

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.



41.9398, 0.2863, 0.4416



41.9398, 0.2553, 0.2198



41.9398, 0.4214, 0.4433

Square

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



41.9398, 0.2553, 0.2198



41.9398, 0.4522, 0.3389



41.9398, 0.3580, 0.4670



41.9398, 0.1904, 0.2937

Rectangle

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



41.9398, 0.2553, 0.2198



41.9398, 0.3777, 0.2710



41.9398, 0.3580, 0.4670



41.9398, 0.2434, 0.3973

Sweetspot

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



41.9398, 0.2553, 0.2198



79.1952, 0.2983, 0.3005



77.6440, 0.2587, 0.3130



16.4476, 0.2963, 0.2967



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.



41.9398, 0.2553, 0.2198



34.3623, 0.2417, 0.1954



48.2457, 0.2903, 0.2299



17.5177, 0.3004, 0.3046



4.0593, 0.1567, 0.0637



0.4334, 0.1655, 0.0686

Inverse Universe

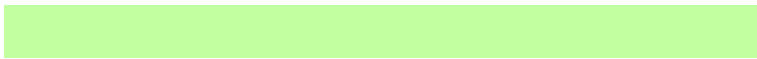
The Inverse Universe completely reimagines the original color for something new.



53.0273, 0.3293, 0.2505



46.9587, 0.3333, 0.2360



85.5465, 0.3273, 0.4347



18.2473, 0.3163, 0.3093



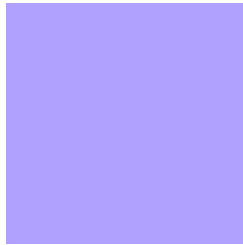
13.6662, 0.3663, 0.1791



1.3434, 0.3602, 0.1758

Previews

White Background



This preview shows how the Yxy color 41.9398, 0.2553, 0.2198 looks on a white background.

Color Contrast Check

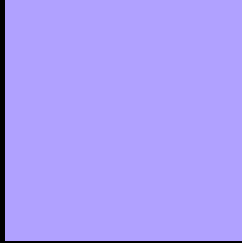
Large Text (above 18pt) WCAG AA × Fail

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 41.9398, 0.2553, 0.2198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

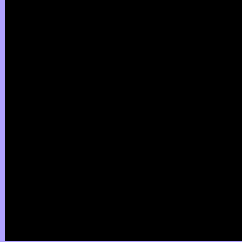
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9398, 0.2553, 0.2198

Background



This preview shows how black text looks on a background with the Yxy color 41.9398, 0.2553, 0.2198.



This preview shows how white text looks on a background with the Yxy color 41.9398, 0.2553, 0.2198.

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

41.9398, 0.2553, 0.2198

Protanopia

41.9892, 0.2365, 0.2252

Deuteranopia

42.1723, 0.2350, 0.2289



Tritanopia

42.0154, 0.2907, 0.3098

Trichromacy



Original Color

41.9398, 0.2553, 0.2198

Protanomaly

41.9254, 0.2427, 0.2232

Deuteranomaly

41.9333, 0.2415, 0.2249

Tritanomaly

41.7690, 0.2768, 0.2732

Monochromacy



Original Color

41.9398, 0.2553, 0.2198

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7637, 0.2900, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9398, 0.2553, 0.2198 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(176, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 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(176, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.9398, 0.2553, 0.2198 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(176, 161, 255) }
```

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

```
.border{ border-color:rgb(176, 161, 255) }
```

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

Here you see how a box with a 4 pixel rgb(176, 161, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9398, 0.2553, 0.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 255) }
```

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

```
.background{ background-color: rgb(176,  
161, 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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