

Converting Colors

$Y_{xy}(29.3466, 0.2361, 0.1804)$

Have a look what the booklet for
Yxy(29.3466, 0.2361, 0.1804)
contains.

Yxy(29.4379, 0.2359, 0.1809)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4379, 0.2359, 0.1809)

Conversions

Conversions Part 1

Format	Color
Hex	9981FB
RGB	153, 129, 251
RGB Percent	60%, 51%, 98%
CMY	0.4002, 0.4940, 0.0158
CMYK	0.39, 0.49, 0.00, 0.02
HSL	252°, 94%, 75%
HSV	252°, 49%, 98%
XYZ	38.3881, 29.4379, 94.9043
YIQ	150.0840, -24.8580, 43.0300

Conversions

Conversions Part 2

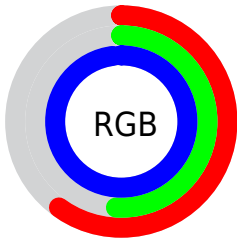
Format	Color
R_{YB}	153, 129, 251
Decimal	10060283
CIE _{Lab}	61.17, 36.98, -58.00
CIE _{LCh}	61, 68.787, 302.520
Yxy	29.4379, 0.2359, 0.1809
Android (android.graphics.Color)	4288250363 (0xFF9981FB)
YUV	150.0840, 49.7516, 2.5573
Hunter-Lab	54.2567, 31.3443, -65.7287

Details

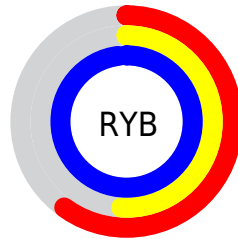
The Yxy color $29.4379, 0.2359, 0.1809$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $86.9054, 0.3675, 0.4552$, and the grayscale version is $30.3288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5248, 0.2827, 0.2501$, and $11.9738, 0.2123, 0.1464$ is the 20% darker color. If you saturate the color by 10%, you get $21.8184, 0.2168, 0.1478$, and if you desaturate by 10%, it is $39.0149, 0.2547, 0.2148$.

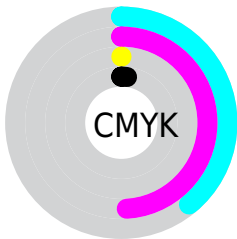
Distribution



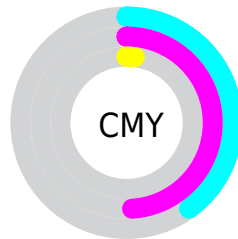
- Red (60%)
- Green (51%)
- Blue (98%)



- Red (60%)
- Yellow (51%)
- Blue (98%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)
- Black (2%)





- Cyan (40%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4379, 0.2359, 0.1809 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 29.4379, 0.2359, 0.1809 by changing the saturation by 10% instead.


 29.4379, 0.2359,
0.1809


 29.4379, 0.2359,
0.1809


299.2755, 0.2767,
0.2505

 19.4123, 0.2255,
0.1654


 58.7721, 0.2510,
0.2049

 11.9686, 0.2123,
0.1468


 78.8495, 0.2566,
0.2143

 6.7223, 0.1951,
0.1243


 103.0464, 0.2613,
0.2224

 3.2890, 0.1720,
0.0971

131.7470, 0.2653,
0.2295

 1.2844, 0.1408,
0.0650

165.3359, 0.2687,
0.2357

 0.1291, 0.1007,
0.0125

204.1973, 0.2717,

 0.0000, 0.0000,

0.2412

0.0000

248.7157, 0.2744,
0.2461

■ 29.4379, 0.2359,
0.1809

■ 29.4379, 0.2359,
0.1809

■ 21.8184, 0.2168,
0.1478

■ 39.0149, 0.2547,
0.2148

■ 16.0155, 0.1983,
0.1179

■ 50.6706, 0.2722,
0.2479

■ 11.8743, 0.1819,
0.0932

■ 64.5198, 0.2881,
0.2789

■ 9.2117, 0.1687,
0.0757

■ 80.6680, 0.3021,
0.3071

■ 7.7722, 0.1594,
0.0656

■ 99.2139, 0.3143,
0.3324

■ 7.6218, 0.1583,
0.0646

99.7435, 0.3150,
0.3328

Harmonies

Analogous

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



29.4379, 0.1691, 0.1732



29.4379, 0.2359, 0.1809



29.4379, 0.3392, 0.2153

Triad

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



29.4379, 0.2359, 0.1809



29.4379, 0.5158, 0.4129



29.4379, 0.1798, 0.3789

Complementary

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



29.4379, 0.2359, 0.1809



86.9054, 0.3675, 0.4552

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.



29.4379, 0.2590, 0.5005



29.4379, 0.2359, 0.1809



29.4379, 0.4516, 0.4883

Square

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



29.4379, 0.2359, 0.1809



29.4379, 0.5220, 0.3391



29.4379, 0.3583, 0.5368



29.4379, 0.1405, 0.2626

Rectangle

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



29.4379, 0.2359, 0.1809



29.4379, 0.4172, 0.2508



29.4379, 0.3583, 0.5368



29.4379, 0.2022, 0.4236

Sweetspot

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



29.4389, 0.2359, 0.1809



72.6043, 0.2933, 0.2893



67.4607, 0.2436, 0.3022



14.8115, 0.2903, 0.2832



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.



29.4389, 0.2359, 0.1809



22.9992, 0.2178, 0.1496



36.7226, 0.2842, 0.1987



16.8068, 0.3009, 0.3047



4.0545, 0.1594, 0.0652



0.4173, 0.1697, 0.0709

Inverse Universe

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



41.7626, 0.3402, 0.2310



37.2871, 0.3472, 0.2149



78.8505, 0.3275, 0.4736



17.4628, 0.3168, 0.3101



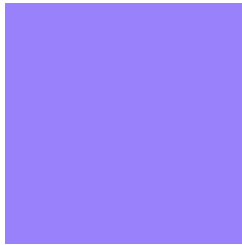
13.0375, 0.3778, 0.1855



1.2219, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 29.4379, 0.2359, 0.1809 looks on a white background.

Color Contrast Check

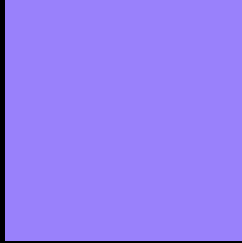
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 29.4379, 0.2359, 0.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

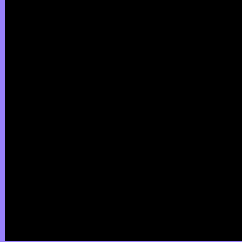
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4379, 0.2359, 0.1809

Background



This preview shows how black text looks on a background with the Yxy color 29.4379, 0.2359, 0.1809.



This preview shows how white text looks on a background with the Yxy color 29.4379, 0.2359, 0.1809.

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

29.4379, 0.2359, 0.1809

Protanopia

29.7632, 0.2048, 0.1844

Deuteranopia

29.9158, 0.2017, 0.1957



Tritanopia

29.3269, 0.2845, 0.3097

Trichromacy



Original Color

29.4379, 0.2359, 0.1809

Protanomaly

29.4725, 0.2139, 0.1823

Deuteranomaly

29.2491, 0.2113, 0.1891

Tritanomaly

28.8165, 0.2650, 0.2527

Monochromacy



Original Color

29.4379, 0.2359, 0.1809

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5132, 0.2805, 0.2636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4379, 0.2359, 0.1809 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(153, 129, 251)` looks like.

```
.text, #text, p{  
    color:rgb(153, 129, 251)  
}
```

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(153, 129, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 129, 251) }
```

Border

The CSS property to change the border of an element to Yxy 29.4379, 0.2359, 0.1809 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(153, 129, 251) }
```

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

```
.border{ border-color:rgb(153, 129, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 129, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 129, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 129, 251);  
box-shadow:4px 4px 4px 4px rgb(153, 129,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4379, 0.2359, 0.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 129, 251) }
```

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

```
.background{ background-color: rgb(153,  
129, 251) }
```

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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