

Converting Colors

$Y_{xy}(28.8495, 0.2282, 0.1756)$

Have a look what the booklet for
Yxy(28.8495, 0.2282, 0.1756)
contains.

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Color

Yxy(28.9403, 0.2281, 0.1757)

Conversions

Conversions Part 1

Format	Color
Hex	9181FF
RGB	145, 129, 255
RGB Percent	57%, 51%, 100%
CMY	0.4315, 0.4941, 0.0000
CMYK	0.43, 0.49, 0.00, 0.00
HSL	248°, 100%, 75%
HSV	248°, 49%, 100%
XYZ	37.5713, 28.9403, 98.2027
YIQ	148.1480, -30.9100, 42.5780

Conversions

Conversions Part 2

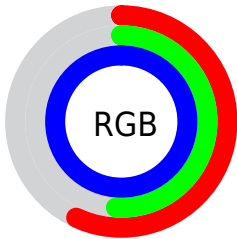
Format	Color
R_{YB}	145, 129, 255
Decimal	9535999
CIE _{Lab}	60.73, 36.22, -60.94
CIE _{LCh}	61, 70.896, 300.727
Yxy	28.9403, 0.2281, 0.1757
Android (android.graphics.Color)	4287726079 (0xFF9181FF)
YUV	148.1480, 52.6780, -2.7608
Hunter-Lab	53.7962, 30.5213, -70.5740

Details

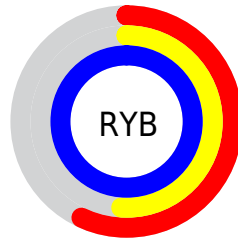
The Yxy color **28.9403, 0.2281, 0.1757** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.4541, 0.3743, 0.4545**, and the grayscale version is **29.4649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5133, 0.2776, 0.2489**, and **11.6016, 0.2026, 0.1406** is the 20% darker color. If you saturate the color by 10%, you get **21.2121, 0.2081, 0.1420**, and if you desaturate by 10%, it is **38.7427, 0.2481, 0.2105**.

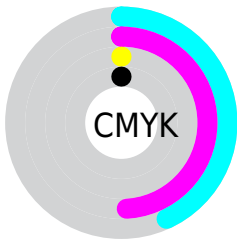
Distribution



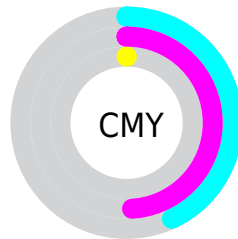
- Red (57%)
- Green (51%)
- Blue (100%)



- Red (57%)
- Yellow (51%)
- Blue (100%)



- Cyan (43%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9403, 0.2281, 0.1757 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 28.9403, 0.2281, 0.1757 by changing the saturation by 10% instead.


 28.9403, 0.2281,
0.1757


 28.9403, 0.2281,
0.1757


296.9332, 0.2727,
0.2475


 19.0357, 0.2169,
0.1599


 57.9822, 0.2445,
0.2003

 11.6961, 0.2028,
0.1410


 77.8883, 0.2506,
0.2100

 6.5371, 0.1845,
0.1182


 101.8970, 0.2557,
0.2184

 3.1743, 0.1604,
0.0910

130.3926, 0.2601,
0.2257

 1.2234, 0.1285,
0.0595

163.7597, 0.2639,
0.2322

 0.0807, 0.0887,
0.0074

202.3825, 0.2672,

 0.0000, 0.0000,

0.2379

0.0000

246.6456, 0.2701,
0.2430

■ 28.9403, 0.2281,
0.1757

■ 28.9403, 0.2281,
0.1757

■ 21.2121, 0.2081,
0.1420

■ 38.7427, 0.2481,
0.2105

■ 15.4048, 0.1894,
0.1119

■ 50.7516, 0.2671,
0.2443

■ 11.3485, 0.1735,
0.0877

■ 65.0920, 0.2845,
0.2760

■ 8.8418, 0.1616,
0.0712

■ 81.8783, 0.3000,
0.3048

■ 7.5860, 0.1542,
0.0625

99.9992, 0.3127,
0.3290

■ 7.5310, 0.1538,
0.0621

Harmonies

Analogous

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



28.9403, 0.1623, 0.1694



28.9403, 0.2281, 0.1757



28.9403, 0.3327, 0.2093

Triad

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



28.9403, 0.2281, 0.1757



28.9403, 0.5240, 0.4088



28.9403, 0.1792, 0.3888

Complementary

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



28.9403, 0.2281, 0.1757



91.4541, 0.3743, 0.4545

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.



28.9403, 0.2622, 0.5133



28.9403, 0.2281, 0.1757



28.9403, 0.4595, 0.4874

Square

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



28.9403, 0.2281, 0.1757



28.9403, 0.5270, 0.3338



28.9403, 0.3644, 0.5429



28.9403, 0.1370, 0.2655

Rectangle

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



28.9403, 0.2281, 0.1757



28.9403, 0.4137, 0.2447



28.9403, 0.3644, 0.5429



28.9403, 0.2029, 0.4355

Sweetspot

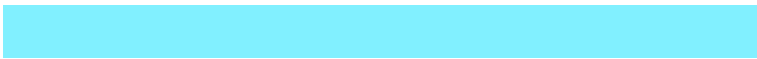
The Sweet Spot groups the original color and five complimentary colors.



28.9413, 0.2281, 0.1757



72.1826, 0.2916, 0.2891



74.3794, 0.2445, 0.3117



14.7113, 0.2882, 0.2829



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.



28.9413, 0.2281, 0.1757



21.4875, 0.2089, 0.1433



36.1462, 0.2763, 0.1938



17.4880, 0.2998, 0.3045



3.9695, 0.1546, 0.0625



0.4194, 0.1623, 0.0668

Inverse Universe

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



43.1965, 0.3325, 0.2221



37.3246, 0.3373, 0.2051



82.4807, 0.3328, 0.4739



18.2584, 0.3158, 0.3085



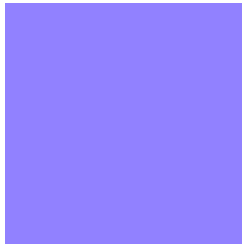
13.8998, 0.3558, 0.1734



1.3640, 0.3512, 0.1709

Previews

White Background



This preview shows how the Yxy color 28.9403, 0.2281, 0.1757 looks on a white background.

Color Contrast Check

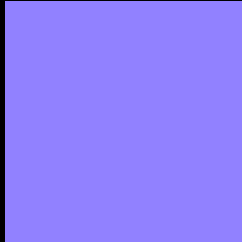
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9403, 0.2281, 0.1757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

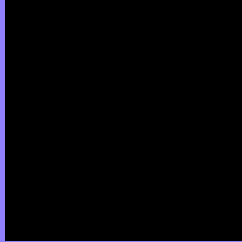
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9403, 0.2281, 0.1757

Background



This preview shows how black text looks on a background with the Yxy color 28.9403, 0.2281, 0.1757.



This preview shows how white text looks on a background with the Yxy color 28.9403, 0.2281, 0.1757.

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

28.9403, 0.2281, 0.1757

Protanopia

29.2978, 0.2031, 0.1826

Deuteranopia

29.3381, 0.1956, 0.1893



Tritanopia

28.9151, 0.2749, 0.3093

Trichromacy



Original Color

28.9403, 0.2281, 0.1757

Protanomaly

28.9077, 0.2105, 0.1793

Deuteranomaly

28.5109, 0.2036, 0.1825

Tritanomaly

28.3763, 0.2553, 0.2499

Monochromacy



Original Color

28.9403, 0.2281, 0.1757

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8407, 0.2767, 0.2614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9403, 0.2281, 0.1757 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(145, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 129, 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(145, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 129, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.9403, 0.2281, 0.1757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

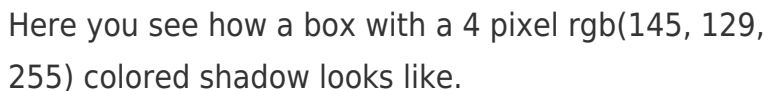
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 129, 255) }
```

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

```
.border{ border-color:rgb(145, 129, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 129, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 129, 255); box-shadow:4px 4px 4px 4px rgb(145, 129, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9403, 0.2281, 0.1757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 129, 255) }
```

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

```
.background{ background-color: rgb(145,  
129, 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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