

Converting Colors

$Y_{xy}(26.8249, 0.2256, 0.1666)$

Have a look what the booklet for
Yxy(26.8249, 0.2256, 0.1666)
contains.

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Color

Yxy(26.8240, 0.2259, 0.1665)

Conversions

Conversions Part 1

Format	Color
Hex	9079FF
RGB	144, 121, 255
RGB Percent	56%, 47%, 100%
CMY	0.4352, 0.5255, 0.0000
CMYK	0.44, 0.53, 0.00, 0.00
HSL	250°, 100%, 74%
HSV	250°, 53%, 100%
XYZ	36.3936, 26.8240, 97.8875
YIQ	143.1530, -29.3060, 46.5500

Conversions

Conversions Part 2

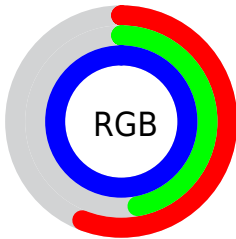
Format	Color
R _{YB}	144, 121, 255
Decimal	9468415
CIE _{Lab}	58.81, 40.62, -64.04
CIE _{LCh}	59, 75.836, 302.383
Yxy	26.8240, 0.2259, 0.1665
Android (android.graphics.Color)	4287658495 (0xFF9079FF)
YUV	143.1530, 55.1406, 0.7428
Hunter-Lab	51.7919, 34.7944, -75.8047

Details

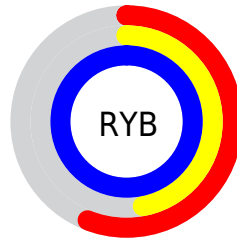
The Yxy color **26.8240, 0.2259, 0.1665** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **90.0516, 0.3733, 0.4638**, and the grayscale version is **27.3167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1886, 0.2763, 0.2398**, and **10.5972, 0.1999, 0.1312** is the 20% darker color. If you saturate the color by 10%, you get **19.6966, 0.2066, 0.1341**, and if you desaturate by 10%, it is **35.9432, 0.2454, 0.2007**.

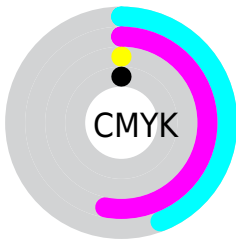
Distribution



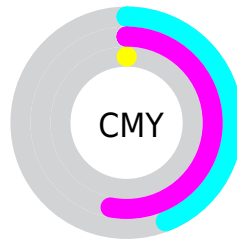
- Red (56%)
- Green (47%)
- Blue (100%)



- Red (56%)
- Yellow (47%)
- Blue (100%)



- Cyan (44%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8240, 0.2259, 0.1665 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 26.8240, 0.2259, 0.1665 by changing the saturation by 10% instead.


 26.8240, 0.2259,
0.1665


 26.8240, 0.2259,
0.1665


286.8039, 0.2721,
0.2423


 17.4411, 0.2142,
0.1500


 54.6013, 0.2430,
0.1924

 10.5495, 0.1994,
0.1304


 73.7645, 0.2493,
0.2026

 5.7648, 0.1803,
0.1070


 96.9566, 0.2547,
0.2115

 2.7026, 0.1552,
0.0796

124.5619, 0.2592,
0.2192

 0.9785, 0.1221,
0.0489

156.9649, 0.2631,
0.2261

 0.0000, 0.0814,
0.0000

194.5500, 0.2665,

 0.0000, 0.0000,

0.2321

0.0000

237.7016, 0.2695,
0.2375

■ 26.8240, 0.2259,
0.1665

■ 26.8240, 0.2259,
0.1665

■ 19.6966, 0.2066,
0.1341

■ 35.9432, 0.2454,
0.2007

■ 14.4111, 0.1887,
0.1059

■ 47.1924, 0.2639,
0.2345

■ 10.7926, 0.1736,
0.0839

■ 60.6948, 0.2810,
0.2667

■ 8.6319, 0.1623,
0.0696

■ 76.5647, 0.2963,
0.2962

■ 7.7514, 0.1565,
0.0636

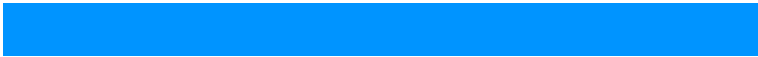
■ 94.9088, 0.3096,
0.3227

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.8240, 0.1545, 0.1579



26.8240, 0.2259, 0.1665



26.8240, 0.3408, 0.2032

Triad

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



26.8240, 0.2259, 0.1665



26.8240, 0.5366, 0.4139



26.8240, 0.1639, 0.3852

Complementary

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



26.8240, 0.2259, 0.1665



90.0516, 0.3733, 0.4638

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.



26.8240, 0.2494, 0.5289



26.8240, 0.2259, 0.1665



26.8240, 0.4616, 0.5002

Square

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



26.8240, 0.2259, 0.1665



26.8240, 0.5480, 0.3348



26.8240, 0.3578, 0.5638



26.8240, 0.1234, 0.2522

Rectangle

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



26.8240, 0.2259, 0.1665



26.8240, 0.4299, 0.2412



26.8240, 0.3578, 0.5638



26.8240, 0.1878, 0.4382

Sweetspot

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



26.8233, 0.2259, 0.1665



70.8197, 0.2912, 0.2863



69.3727, 0.2396, 0.3023



14.4537, 0.2881, 0.2803



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.



26.8233, 0.2259, 0.1665



19.4220, 0.2058, 0.1328



34.6426, 0.2790, 0.1875



17.5277, 0.3005, 0.3046



4.0937, 0.1575, 0.0641



0.4382, 0.1666, 0.0692

Inverse Universe

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



40.7572, 0.3399, 0.2212



34.8957, 0.3468, 0.2045



80.9706, 0.3292, 0.4858



18.2436, 0.3164, 0.3095



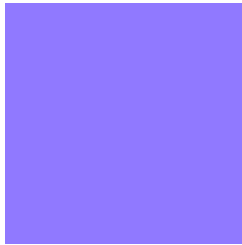
13.5908, 0.3699, 0.1811



1.3368, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 26.8240, 0.2259, 0.1665 looks on a white background.

Color Contrast Check

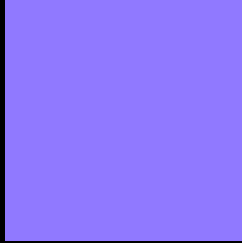
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8240, 0.2259, 0.1665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

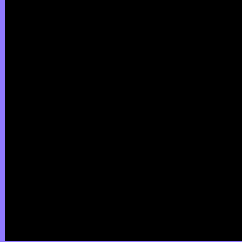
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8240, 0.2259, 0.1665

Background



This preview shows how black text looks on a background with the Yxy color 26.8240, 0.2259, 0.1665.



This preview shows how white text looks on a background with the Yxy color 26.8240, 0.2259, 0.1665.

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

26.8240, 0.2259, 0.1665

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

27.0606, 0.1880, 0.1812



Tritanopia

26.6071, 0.2763, 0.3087

Trichromacy



Original Color

26.8240, 0.2259, 0.1665

Protanomaly

26.4559, 0.2045, 0.1691

Deuteranomaly

26.0617, 0.1954, 0.1724

Tritanomaly

26.0478, 0.2544, 0.2425

Monochromacy



Original Color

26.8240, 0.2259, 0.1665

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6283, 0.2748, 0.2554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8240, 0.2259, 0.1665 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(144, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 121, 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(144, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 121, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.8240, 0.2259, 0.1665 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(144, 121, 255) }
```

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

```
.border{ border-color:rgb(144, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 121,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8240, 0.2259, 0.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 121, 255) }
```

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

```
.background{ background-color: rgb(144,  
121, 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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