

Converting Colors

$Y_{xy}(26.6224, 0.2359, 0.1692)$

Have a look what the booklet for
Yxy(26.6224, 0.2359, 0.1692)
contains.

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Color

Yxy(26.5933, 0.2360, 0.1690)

Conversions

Conversions Part 1

Format	Color
Hex	9B75FA
RGB	155, 117, 250
RGB Percent	61%, 46%, 98%
CMY	0.3921, 0.5412, 0.0196
CMYK	0.38, 0.53, 0.00, 0.02
HSL	257°, 93%, 72%
HSV	257°, 53%, 98%
XYZ	37.1362, 26.5933, 93.6273
YIQ	143.5240, -20.0450, 49.4190

Conversions

Conversions Part 2

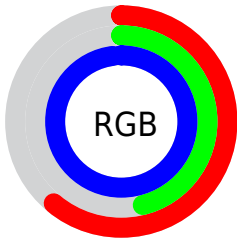
Format	Color
R _Y B	155, 117, 250
Decimal	10188282
CIE Lab	58.60, 44.00, -61.57
CIE LCh	59, 75.675, 305.547
Yxy	26.5933, 0.2360, 0.1690
Android (android.graphics.Color)	4288378362 (0xFF9B75FA)
YUV	143.5240, 52.4927, 10.0645
Hunter-Lab	51.5687, 38.2981, -71.5479

Details

The Yxy color **26.5933, 0.2360, 0.1690** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **83.6599, 0.3631, 0.4706**, and the grayscale version is **27.4813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1156, 0.2836, 0.2374**, and **10.4060, 0.2108, 0.1325** is the 20% darker color. If you saturate the color by 10%, you get **19.8877, 0.2183, 0.1382**, and if you desaturate by 10%, it is **35.1173, 0.2534, 0.2016**.

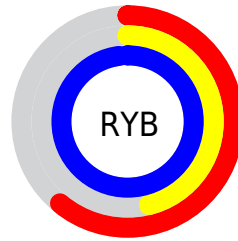
Distribution



Red (61%)

Green (46%)

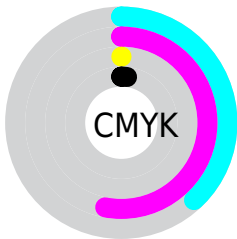
Blue (98%)



Red (61%)

Yellow (46%)

Blue (98%)

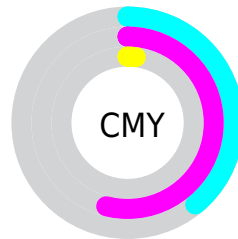


Cyan (38%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (39%)


Magenta (54%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5933, 0.2360, 0.1690 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 26.5933, 0.2360, 0.1690 by changing the saturation by 10% instead.


 26.5933, 0.2360,
0.1690


 26.5933, 0.2360,
0.1690


285.6825, 0.2776,
0.2438


 17.2680, 0.2252,
0.1526


 54.2306, 0.2515,
0.1946

 10.4258, 0.2114,
0.1330


 73.3113, 0.2573,
0.2047

 5.6822, 0.1934,
0.1096


 96.4127, 0.2621,
0.2135

 2.6528, 0.1692,
0.0819

123.9191, 0.2661,
0.2211

 0.9533, 0.1364,
0.0507

156.2148, 0.2696,
0.2278

 0.0000, 0.0947,
0.0000

193.6844, 0.2727,

 0.0000, 0.0000,

0.2338

0.0000

236.7122, 0.2753,
0.2391

■ 26.5933, 0.2360,
0.1690

■ 26.5933, 0.2360,
0.1690

■ 19.8877, 0.2183,
0.1382

■ 35.1173, 0.2534,
0.2016

■ 14.8594, 0.2013,
0.1112

■ 45.5805, 0.2698,
0.2343

■ 11.3504, 0.1861,
0.0899

■ 58.0964, 0.2847,
0.2656

■ 9.1691, 0.1737,
0.0756

■ 72.7688, 0.2979,
0.2947

■ 8.2594, 0.1669,
0.0693

■ 89.6944, 0.3094,
0.3211

99.6829, 0.3156,
0.3338

Harmonies

Analogous

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



26.5933, 0.1599, 0.1573



26.5933, 0.2360, 0.1690



26.5933, 0.3548, 0.2085

Triad

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



26.5933, 0.2360, 0.1690



26.5933, 0.5311, 0.4228



26.5933, 0.1574, 0.3687

Complementary

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



26.5933, 0.2360, 0.1690



83.6599, 0.3631, 0.4706

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.



26.5933, 0.2386, 0.5175



26.5933, 0.2360, 0.1690



26.5933, 0.4515, 0.5090

Square

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



26.5933, 0.2360, 0.1690



26.5933, 0.5510, 0.3427



26.5933, 0.3462, 0.5664



26.5933, 0.1215, 0.2419

Rectangle

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



26.5933, 0.2360, 0.1690



26.5933, 0.4435, 0.2479



26.5933, 0.3462, 0.5664



26.5933, 0.1796, 0.4215

Sweetspot

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



26.5942, 0.2360, 0.1690



71.5605, 0.2944, 0.2867



57.9339, 0.2349, 0.2823



14.6284, 0.2917, 0.2808



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.



26.5942, 0.2360, 0.1690



20.2803, 0.2168, 0.1356



35.0271, 0.2925, 0.1915



16.8832, 0.3024, 0.3048



4.4433, 0.1683, 0.0701



0.4628, 0.1805, 0.0768

Inverse Universe

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



37.8016, 0.3560, 0.2333



33.4516, 0.3684, 0.2182



75.7570, 0.3200, 0.4925



17.4350, 0.3182, 0.3122



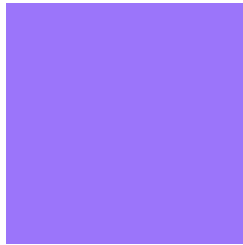
12.5234, 0.4094, 0.2029



1.1781, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 26.5933, 0.2360, 0.1690 looks on a white background.

Color Contrast Check

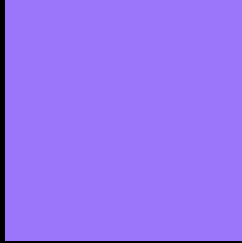
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5933, 0.2360, 0.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

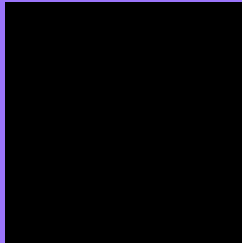
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5933, 0.2360, 0.1690

Background



This preview shows how black text looks on a background with the Yxy color 26.5933, 0.2360, 0.1690.



This preview shows how white text looks on a background with the Yxy color 26.5933, 0.2360, 0.1690.

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

26.5933, 0.2360, 0.1690

Protanopia

26.9052, 0.1959, 0.1729

Deuteranopia

27.0761, 0.1933, 0.1876



Tritanopia

26.6325, 0.2929, 0.3108

Trichromacy



Original Color

26.5933, 0.2360, 0.1690



Protanomaly

26.3083, 0.2070, 0.1701



Deuteranomaly

26.0312, 0.2028, 0.1779



Tritanomaly

26.0686, 0.2693, 0.2468

Monochromacy



Original Color

26.5933, 0.2360, 0.1690



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.7650, 0.2803, 0.2562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5933, 0.2360, 0.1690 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(155, 117, 250)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 250)  
}
```

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(155, 117, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 250) }
```

Border

The CSS property to change the border of an element to Yxy 26.5933, 0.2360, 0.1690 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(155, 117, 250) }
```

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

```
.border{ border-color:rgb(155, 117, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 117, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 117, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 117, 250);  
box-shadow:4px 4px 4px 4px rgb(155, 117,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5933, 0.2360, 0.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 250) }
```

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

```
.background{ background-color: rgb(155,  
117, 250) }
```

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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