

Converting Colors

$Y_{xy}(26.1711, 0.2505, 0.1988)$

Have a look what the booklet for
Yxy(26.1711, 0.2505, 0.1988)
contains.

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Color

Yxy(26.1733, 0.2506, 0.1989)

Conversions

Conversions Part 1

Format	Color
Hex	967CDE
RGB	150, 124, 222
RGB Percent	59%, 49%, 87%
CMY	0.4117, 0.5138, 0.1293
CMYK	0.32, 0.44, 0.00, 0.13
HSL	256°, 60%, 68%
HSV	256°, 44%, 87%
XYZ	32.9765, 26.1733, 72.4404
YIQ	142.9460, -15.9620, 35.9900

Conversions

Conversions Part 2

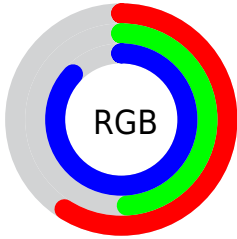
Format	Color
RYB	150, 124, 222
Decimal	9862366
CIELab	58.20, 31.51, -46.66
CIElCh	58, 56.304, 304.026
Yxy	26.1733, 0.2506, 0.1989
Android (android.graphics.Color)	4288052446 (0xFF967CDE)
YUV	142.9460, 38.9736, 6.1864
Hunter-Lab	51.1598, 25.5275, -48.1405

Details

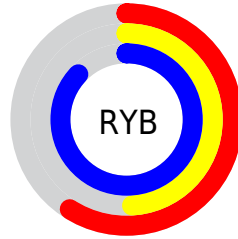
The Yxy color **26.1733, 0.2506, 0.1989** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **65.4465, 0.3576, 0.4455**, and the grayscale version is **27.2935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7861, 0.2787, 0.2437**, and **10.2721, 0.2301, 0.1662** is the 20% darker color. If you saturate the color by 10%, you get **19.7815, 0.2329, 0.1663**, and if you desaturate by 10%, it is **34.0350, 0.2674, 0.2316**.

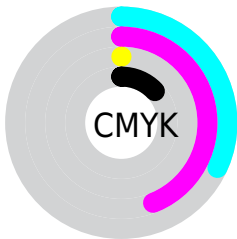
Distribution



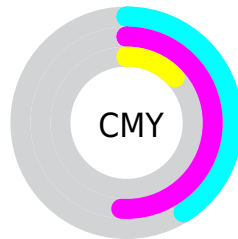
- Red (59%)
- Green (49%)
- Blue (87%)



- Red (59%)
- Yellow (49%)
- Blue (87%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)





- Cyan (41%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1733, 0.2506, 0.1989 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 26.1733, 0.2506, 0.1989 by changing the saturation by 10% instead.

 26.1733, 0.2506,
0.1989


 26.1733, 0.2506,
0.1989


283.6318, 0.2847,
0.2629


 16.9533, 0.2414,
0.1838


 53.5544, 0.2636,
0.2216

 10.2012, 0.2293,
0.1650


 72.4843, 0.2683,
0.2303

 5.5326, 0.2128,
0.1415


 95.4196, 0.2722,
0.2378

 2.5630, 0.1897,
0.1116

122.7448, 0.2755,
0.2442

 0.9081, 0.1560,
0.0744

154.8442, 0.2783,
0.2498

 0.0000, 0.1058,
0.0000

192.1023, 0.2808,

 0.0000, 0.0000,

0.2547

0.0000

234.9033, 0.2829,
0.2590

■ 26.1733, 0.2506,
0.1989

■ 26.1733, 0.2506,
0.1989

■ 19.7815, 0.2329,
0.1663

■ 34.0350, 0.2674,
0.2316

■ 14.7626, 0.2150,
0.1355

■ 43.4491, 0.2827,
0.2630

■ 11.0125, 0.1980,
0.1088

■ 54.4955, 0.2964,
0.2922

■ 8.4101, 0.1830,
0.0878

■ 67.2477, 0.3083,
0.3188

■ 6.8096, 0.1709,
0.0739

■ 81.7745, 0.3185,
0.3426

■ 6.2044, 0.1652,
0.0684

■ 96.7265, 0.3275,
0.3616

■ 98.0554, 0.3321,
0.3611

Harmonies

Analogous

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



26.1733, 0.1885, 0.1912



26.1733, 0.2506, 0.1989



26.1733, 0.3415, 0.2312

Triad

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



26.1733, 0.2506, 0.1989



26.1733, 0.4892, 0.4119



26.1733, 0.1954, 0.3669

Complementary

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



26.1733, 0.2506, 0.1989



65.4465, 0.3576, 0.4455

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.



26.1733, 0.2649, 0.4674



26.1733, 0.2506, 0.1989



26.1733, 0.4344, 0.4744

Square

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



26.1733, 0.2506, 0.1989



26.1733, 0.4938, 0.3453



26.1733, 0.3525, 0.5062



26.1733, 0.1601, 0.2703

Rectangle

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



26.1733, 0.2506, 0.1989



26.1733, 0.4072, 0.2640



26.1733, 0.3525, 0.5062



26.1733, 0.2152, 0.4033

Sweetspot

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



26.1743, 0.2506, 0.1989



76.3145, 0.2977, 0.2951



49.7277, 0.2477, 0.2963



15.5605, 0.2949, 0.2889



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.



26.1743, 0.2506, 0.1989



27.6596, 0.2342, 0.1687



31.6279, 0.2941, 0.2135



13.4185, 0.3022, 0.3051



3.7307, 0.1665, 0.0691



0.3017, 0.1824, 0.0779

Inverse Universe

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



33.9311, 0.3440, 0.2468



39.7768, 0.3530, 0.2312



60.0548, 0.3222, 0.4600



13.8702, 0.3178, 0.3119



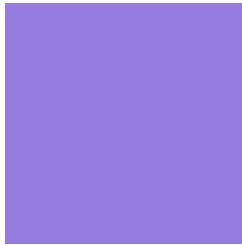
10.8150, 0.4016, 0.1986



0.7642, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 26.1733, 0.2506, 0.1989 looks on a white background.

Color Contrast Check

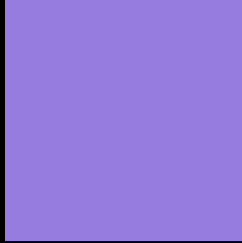
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1733, 0.2506, 0.1989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

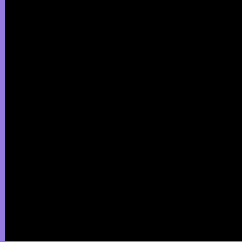
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1733, 0.2506, 0.1989

Background



This preview shows how black text looks on a background with the Yxy color 26.1733, 0.2506, 0.1989.



This preview shows how white text looks on a background with the Yxy color 26.1733, 0.2506, 0.1989.

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

26.1733, 0.2506, 0.1989

Protanopia

26.5412, 0.2120, 0.1937

Deuteranopia

26.4673, 0.2187, 0.2128



Tritanopia

26.1414, 0.2967, 0.3108

Trichromacy



Original Color

26.1733, 0.2506, 0.1989

Protanomaly

26.0673, 0.2233, 0.1940

Deuteranomaly

25.9994, 0.2284, 0.2064

Tritanomaly

25.8000, 0.2777, 0.2627

Monochromacy



Original Color

26.1733, 0.2506, 0.1989

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6979, 0.2882, 0.2738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1733, 0.2506, 0.1989 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(150, 124, 222)` looks like.

```
.text, #text, p{  
    color:rgb(150, 124, 222)  
}
```

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(150, 124, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 124, 222) }
```

Border

The CSS property to change the border of an element to Yxy 26.1733, 0.2506, 0.1989 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(150, 124, 222) }
```

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

```
.border{ border-color:rgb(150, 124, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 124, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 124, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 124, 222);  
box-shadow:4px 4px 4px 4px rgb(150, 124,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1733, 0.2506, 0.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 124, 222) }
```

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

```
.background{ background-color: rgb(150,  
124, 222) }
```

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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