

Converting Colors

$Y_{xy}(26.3328, 0.2611, 0.2191)$

Have a look what the booklet for
Yxy(26.3328, 0.2611, 0.2191)
contains.

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Color

Yxy(26.3329, 0.2611, 0.2191)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9580CF |
| RGB | 149, 128, 207 |
| RGB Percent | 58%, 50%, 81% |
| CMY | 0.4156, 0.4981, 0.1882 |
| CMYK | 0.28, 0.38, 0.00, 0.19 |
| HSL | 256°, 45%, 66% |
| HSV | 256°, 38%, 81% |
| XYZ | 31.3807, 26.3329, 62.4730 |
| YIQ | 143.2850, -12.8430, 29.0210 |

Conversions

Conversions Part 2

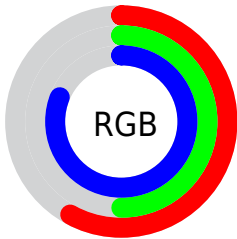
| Format | Color |
|-------------------------------------|--|
| RYB | 149, 128, 207 |
| Decimal | 9797839 |
| CIELab | 58.35, 25.10, -38.00 |
| CIELCh | 58, 45.538, 303.442 |
| Yxy | 26.3329, 0.2611, 0.2191 |
| Android (android.graphics.Color) | 4287987919 (0xFF9580CF) |
| YUV | 143.2850, 31.4115, 5.0121 |
| Hunter-Lab | 51.3156, 19.3548, -36.2604 |

Details

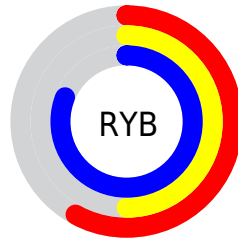
The Yxy color **26.3329, 0.2611, 0.2191** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **56.6317, 0.3520, 0.4290**, and the grayscale version is **27.4653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2469, 0.2783, 0.2480**, and **10.3458, 0.2432, 0.1894** is the 20% darker color. If you saturate the color by 10%, you get **20.1363, 0.2440, 0.1864**, and if you desaturate by 10%, it is **33.8196, 0.2770, 0.2510**.

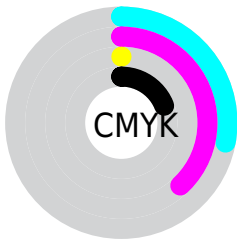
Distribution



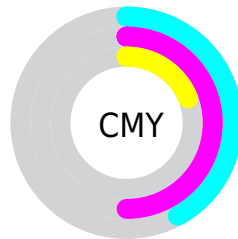
- Red (58%)
- Green (50%)
- Blue (81%)



- Red (58%)
- Yellow (50%)
- Blue (81%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)





- Cyan (42%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3329, 0.2611, 0.2191 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 26.3329, 0.2611, 0.2191 by changing the saturation by 10% instead.


 26.3329, 0.2611,
0.2191


 26.3329, 0.2611,
0.2191


284.4125, 0.2896,
0.2745

 17.0729, 0.2532,
0.2055


 53.8115, 0.2720,
0.2392

 10.2864, 0.2428,
0.1882


 72.7989, 0.2760,
0.2467

 5.5893, 0.2283,
0.1659


 95.7974, 0.2792,
0.2531

 2.5970, 0.2072,
0.1363

123.1916, 0.2820,
0.2586

 0.9252, 0.1749,
0.0967

155.3658, 0.2843,
0.2634

 0.0000, 0.1155,
0.0000

192.7044, 0.2863,

 0.0000, 0.0000,

0.2675

0.0000

235.5918, 0.2881,
0.2712

■ 26.3329, 0.2611,
0.2191

■ 26.3329, 0.2611,
0.2191

■ 20.1363, 0.2440,
0.1864

■ 33.8196, 0.2770,
0.2510

■ 15.1521, 0.2262,
0.1544

■ 42.6620, 0.2912,
0.2810

■ 11.2990, 0.2086,
0.1250

■ 52.9245, 0.3037,
0.3085

■ 8.4838, 0.1923,
0.1003

■ 64.6667, 0.3146,
0.3333

■ 6.5980, 0.1783,
0.0819

■ 77.9448, 0.3239,
0.3554

■ 5.4836, 0.1673,
0.0704

■ 92.8120, 0.3318,
0.3749

■ 5.3208, 0.1656,
0.0686

■ 97.2860, 0.3412,
0.3760

Harmonies

Analogous

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



26.3329, 0.2083, 0.2136



26.3329, 0.2611, 0.2191



26.3329, 0.3356, 0.2466

Triad

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



26.3329, 0.2611, 0.2191



26.3329, 0.4593, 0.4017



26.3329, 0.2176, 0.3622

Complementary

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



26.3329, 0.2611, 0.2191



56.6317, 0.3520, 0.4290

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.



26.3329, 0.2772, 0.4385



26.3329, 0.2611, 0.2191



26.3329, 0.4174, 0.4506

Square

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



26.3329, 0.2611, 0.2191



26.3329, 0.4592, 0.3452



26.3329, 0.3505, 0.4709



26.3329, 0.1853, 0.2847

Rectangle

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



26.3329, 0.2611, 0.2191



26.3329, 0.3881, 0.2748



26.3329, 0.3505, 0.4709



26.3329, 0.2349, 0.3901

Sweetspot

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



26.3339, 0.2611, 0.2191



79.6935, 0.3002, 0.3007



44.7471, 0.2560, 0.3015



16.5655, 0.2985, 0.2969



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.



26.3339, 0.2611, 0.2191



33.7367, 0.2468, 0.1917



30.5403, 0.2974, 0.2297



11.5677, 0.3023, 0.3053



3.3914, 0.1668, 0.0692



0.2289, 0.1865, 0.0801

Inverse Universe

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



32.2493, 0.3385, 0.2580



44.7211, 0.3461, 0.2430



52.4664, 0.3215, 0.4395



11.9531, 0.3178, 0.3121



9.8007, 0.4014, 0.1985



0.5608, 0.3834, 0.1886

Previews

White Background



This preview shows how the Yxy color 26.3329, 0.2611, 0.2191 looks on a white background.

Color Contrast Check

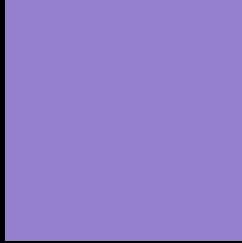
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3329, 0.2611, 0.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

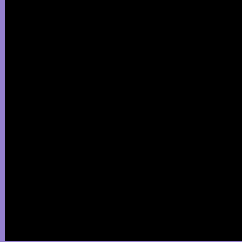
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3329, 0.2611, 0.2191

Background



This preview shows how black text looks on a background with the Yxy color 26.3329, 0.2611, 0.2191.



This preview shows how white text looks on a background with the Yxy color 26.3329, 0.2611, 0.2191.

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

26.3329, 0.2611, 0.2191

Protanopia

26.5940, 0.2295, 0.2167

Deuteranopia

26.4504, 0.2363, 0.2299



Tritanopia

26.3938, 0.2998, 0.3110

Trichromacy



Original Color

26.3329, 0.2611, 0.2191

Protanomaly

26.2393, 0.2396, 0.2167

Deuteranomaly

26.2962, 0.2445, 0.2251

Tritanomaly

26.2994, 0.2852, 0.2746

Monochromacy



Original Color

26.3329, 0.2611, 0.2191

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9499, 0.2928, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3329, 0.2611, 0.2191 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(149, 128, 207)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 207)  
}
```

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(149, 128, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 207) }
```

Border

The CSS property to change the border of an element to Yxy 26.3329, 0.2611, 0.2191 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(149, 128, 207) }
```

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

```
.border{ border-color:rgb(149, 128, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 128, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 128, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 128, 207); box-shadow:4px 4px 4px 4px rgb(149, 128, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3329, 0.2611, 0.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 207) }
```

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

```
.background{ background-color: rgb(149,  
128, 207) }
```

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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