

Converting Colors

$Yxy(31.2331, 0.2600, 0.2472)$

Have a look what the booklet for
Yxy(31.2331, 0.2600, 0.2472)
contains.

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Color

Yxy(31.1149, 0.2603, 0.2471)

Conversions

Conversions Part 1

Format	Color
Hex	8F93CD
RGB	143, 147, 205
RGB Percent	56%, 58%, 80%
CMY	0.4393, 0.4235, 0.1961
CMYK	0.30, 0.28, 0.00, 0.20
HSL	236°, 38%, 68%
HSV	236°, 30%, 80%
XYZ	32.7770, 31.1149, 62.0283
YIQ	152.4160, -21.0020, 17.1900

Conversions

Conversions Part 2

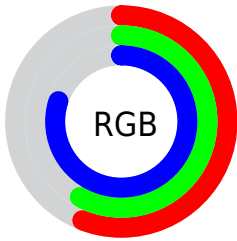
Format	Color
RYB	143, 147, 205
Decimal	9409485
CIELab	62.60, 11.82, -30.27
CIELCh	63, 32.495, 291.323
Yxy	31.1149, 0.2603, 0.2471
Android (android.graphics.Color)	4287599565 (0xFF8F93CD)
YUV	152.4160, 25.9239, -8.2578
Hunter-Lab	55.7807, 7.2712, -26.8841

Details

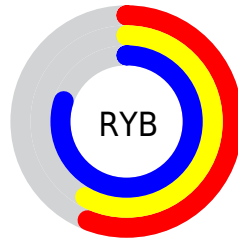
The Yxy color **31.1149, 0.2603, 0.2471** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.7148, 0.3593, 0.3995**, and the grayscale version is **31.4806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9991, 0.2749, 0.2695**, and **13.0079, 0.2435, 0.2234** is the 20% darker color. If you saturate the color by 10%, you get **23.9778, 0.2399, 0.2146**, and if you desaturate by 10%, it is **39.5818, 0.2794, 0.2773**.

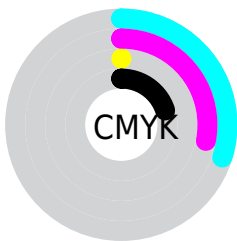
Distribution



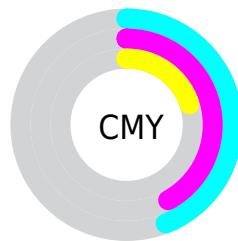
- Red (56%)
- Green (58%)
- Blue (80%)



- Red (56%)
- Yellow (58%)
- Blue (80%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1149, 0.2603, 0.2471 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 31.1149, 0.2603, 0.2471 by changing the saturation by 10% instead.

■ 31.1149, 0.2603,
0.2471

■ 31.1149, 0.2603,
0.2471

307.0673, 0.2881,
0.2887

■ 20.6864, 0.2530,
0.2366

■ 61.4209, 0.2707,
0.2623

■ 12.8949, 0.2433,
0.2232

■ 82.0672, 0.2745,
0.2680

■ 7.3562, 0.2302,
0.2055

106.8882, 0.2777,
0.2728

■ 3.6859, 0.2115,
0.1812

136.2682, 0.2804,
0.2769

■ 1.4994, 0.1832,
0.1465

170.5918, 0.2827,
0.2805

■ 0.2883, 0.1356,
0.0695

210.2432, 0.2847,

■ 0.0000, 0.0000,

0.2836

0.0000

255.6069, 0.2865,
0.2863

■ 31.1149, 0.2603,
0.2471

■ 31.1149, 0.2603,
0.2471

■ 23.9778, 0.2399,
0.2146

■ 39.5818, 0.2794,
0.2773

■ 18.0996, 0.2190,
0.1808

■ 49.4375, 0.2968,
0.3044

■ 13.4080, 0.1989,
0.1476

■ 60.7418, 0.3124,
0.3284

■ 9.8223, 0.1808,
0.1172

■ 73.5500, 0.3260,
0.3494

■ 7.2513, 0.1663,
0.0920

■ 87.9144, 0.3380,
0.3675

■ 5.5894, 0.1564,
0.0739

■ 97.1872, 0.3424,
0.3780

■ 4.7033, 0.1510,
0.0636

Harmonies

Analogous

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



31.1149, 0.2291, 0.2518



31.1149, 0.2603, 0.2471



31.1149, 0.3077, 0.2607

Triad

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



31.1149, 0.2603, 0.2471



31.1149, 0.4166, 0.3681



31.1149, 0.2631, 0.3732

Complementary

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



31.1149, 0.2603, 0.2471



56.7148, 0.3593, 0.3995

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.



31.1149, 0.3108, 0.4129



31.1149, 0.2603, 0.2471



31.1149, 0.4008, 0.4039

Square

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



31.1149, 0.2603, 0.2471



31.1149, 0.4019, 0.3271



31.1149, 0.3614, 0.4229



31.1149, 0.2303, 0.3208

Rectangle

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



31.1149, 0.2603, 0.2471



31.1149, 0.3434, 0.2783



31.1149, 0.3614, 0.4229



31.1149, 0.2778, 0.3890

Sweetspot

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



31.1161, 0.2603, 0.2471



82.9689, 0.2987, 0.3073



53.7056, 0.2719, 0.3344



17.2096, 0.2963, 0.3036



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.



31.1161, 0.2603, 0.2471



43.4650, 0.2478, 0.2271



32.5763, 0.2831, 0.2467



10.9591, 0.2982, 0.3066



2.9781, 0.1513, 0.0646



0.1955, 0.1555, 0.0798

Inverse Universe

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



34.7240, 0.3757, 0.3240



50.3962, 0.3944, 0.3230



55.1191, 0.3358, 0.4097



11.2253, 0.3280, 0.3275



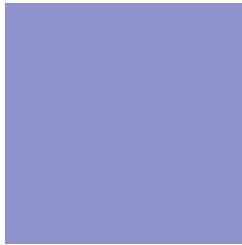
8.1036, 0.6323, 0.3257



0.4223, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 31.1149, 0.2603, 0.2471 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.1149, 0.2603, 0.2471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

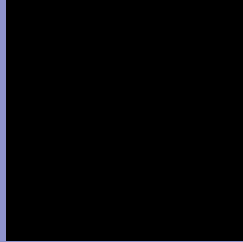
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1149, 0.2603, 0.2471

Background



This preview shows how black text looks on a background with the Yxy color 31.1149, 0.2603, 0.2471.



This preview shows how white text looks on a background with the Yxy color 31.1149, 0.2603, 0.2471.

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

31.1149, 0.2603, 0.2471

Protanopia

31.0682, 0.2522, 0.2461

Deuteranopia

31.1369, 0.2551, 0.2488



Tritanopia

31.0521, 0.2835, 0.3086

Trichromacy



Original Color

31.1149, 0.2603, 0.2471

Protanomaly

30.9544, 0.2550, 0.2463

Deuteranomaly

31.0766, 0.2573, 0.2478

Tritanomaly

30.8727, 0.2746, 0.2836

Monochromacy



Original Color

31.1149, 0.2603, 0.2471

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1425, 0.2927, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1149, 0.2603, 0.2471 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(143, 147, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 205)  
}
```

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(143, 147, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 205) }
```

Border

The CSS property to change the border of an element to Yxy 31.1149, 0.2603, 0.2471 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(143, 147, 205) }
```

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

```
.border{ border-color:rgb(143, 147, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1149, 0.2603, 0.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 205) }
```

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

```
.background{ background-color: rgb(143,  
147, 205) }
```

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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