

Converting Colors

$Y_{xy}(26.1069, 0.2506, 0.2307)$

Have a look what the booklet for
Yxy(26.1069, 0.2506, 0.2307)
contains.

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Color

Yxy(26.0131, 0.2500, 0.2300)

Conversions

Conversions Part 1

Format	Color
Hex	8286C9
RGB	130, 134, 201
RGB Percent	51%, 53%, 79%
CMY	0.4903, 0.4745, 0.2116
CMYK	0.35, 0.33, 0.00, 0.21
HSL	237°, 40%, 65%
HSV	237°, 35%, 79%
XYZ	28.2751, 26.0131, 58.8122
YIQ	140.4420, -23.8910, 19.9890

Conversions

Conversions Part 2

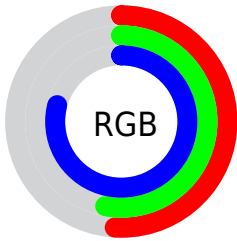
Format	Color
R _Y B	130, 134, 201
Decimal	8554185
CIE Lab	58.05, 14.60, -35.21
CIE LCh	58, 38.115, 292.523
Yxy	26.0131, 0.2500, 0.2300
Android (android.graphics.Color)	4286744265 (0xFF8286C9)
YUV	140.4420, 29.8551, -9.1576
Hunter-Lab	51.0030, 9.7017, -32.6659

Details

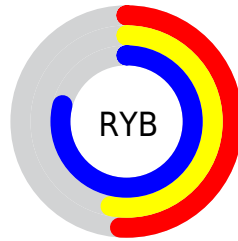
The Yxy color **26.0131, 0.2500, 0.2300** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.9765, 0.3670, 0.4118**, and the grayscale version is **26.2948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0749, 0.2648, 0.2518**, and **10.1814, 0.2282, 0.2008** is the 20% darker color. If you saturate the color by 10%, you get **19.7955, 0.2292, 0.1964**, and if you desaturate by 10%, it is **33.4836, 0.2699, 0.2617**.

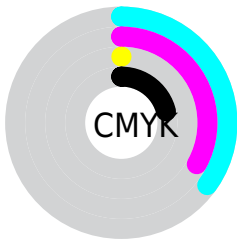
Distribution



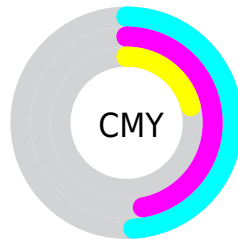
- Red (51%)
- Green (53%)
- Blue (79%)



- Red (51%)
- Yellow (53%)
- Blue (79%)



- Cyan (35%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)





- Cyan (49%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0131, 0.2500, 0.2300 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 26.0131, 0.2500, 0.2300 by changing the saturation by 10% instead.


 26.0131, 0.2500,
0.2300


 26.0131, 0.2500,
0.2300


282.8464, 0.2840,
0.2810


 16.8334, 0.2408,
0.2171


 53.2961, 0.2629,
0.2487

 10.1158, 0.2286,
0.2005


 72.1682, 0.2676,
0.2557

 5.4758, 0.2119,
0.1786


 95.0399, 0.2715,
0.2616

 2.5291, 0.1880,
0.1488

122.2956, 0.2748,
0.2666

 0.8911, 0.1518,
0.1076

154.3197, 0.2776,
0.2710

 0.0000, 0.0503,
0.0000

191.4966, 0.2800,

 0.0000, 0.0000,

0.2747

0.0000

234.2107, 0.2821,
0.2781

■ 26.0131, 0.2500,
0.2300

■ 26.0131, 0.2500,
0.2300

■ 19.7955, 0.2292,
0.1964

■ 33.4836, 0.2699,
0.2617

■ 14.7593, 0.2084,
0.1625

■ 42.2672, 0.2882,
0.2907

■ 10.8305, 0.1891,
0.1304

■ 52.4238, 0.3047,
0.3165

■ 7.9255, 0.1726,
0.1024

■ 64.0088, 0.3193,
0.3392

■ 5.9488, 0.1604,
0.0809

■ 77.0746, 0.3320,
0.3588

■ 4.7866, 0.1531,
0.0671

■ 91.6708, 0.3431,
0.3758

■ 4.4666, 0.1509,
0.0632

■ 96.9988, 0.3448,
0.3820

Harmonies

Analogous

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



26.0131, 0.2120, 0.2338



26.0131, 0.2500, 0.2300



26.0131, 0.3084, 0.2473

Triad

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



26.0131, 0.2500, 0.2300



26.0131, 0.4415, 0.3764



26.0131, 0.2488, 0.3820

Complementary

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



26.0131, 0.2500, 0.2300



53.9765, 0.3670, 0.4118

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.



26.0131, 0.3063, 0.4344



26.0131, 0.2500, 0.2300



26.0131, 0.4191, 0.4210

Square

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



26.0131, 0.2500, 0.2300



26.0131, 0.4255, 0.3271



26.0131, 0.3688, 0.4465



26.0131, 0.2108, 0.3149

Rectangle

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



26.0131, 0.2500, 0.2300



26.0131, 0.3529, 0.2686



26.0131, 0.3688, 0.4465



26.0131, 0.2664, 0.4028

Sweetspot

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



26.0141, 0.2500, 0.2300



79.3247, 0.2953, 0.3019



50.5350, 0.2661, 0.3354



16.4779, 0.2930, 0.2983



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.



26.0141, 0.2500, 0.2300



36.6027, 0.2350, 0.2058



27.7338, 0.2770, 0.2315



10.3821, 0.2983, 0.3065



2.8518, 0.1511, 0.0641



0.1694, 0.1551, 0.0782

Inverse Universe

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



30.1053, 0.3915, 0.3239



44.7400, 0.4161, 0.3230



51.9762, 0.3393, 0.4243



10.6465, 0.3281, 0.3277



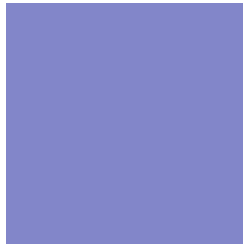
7.8279, 0.6332, 0.3262



0.3741, 0.6098, 0.3133

Previews

White Background



This preview shows how the Yxy color 26.0131, 0.2500, 0.2300 looks on a white background.

Color Contrast Check

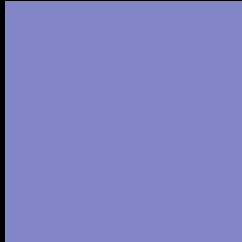
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0131, 0.2500, 0.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

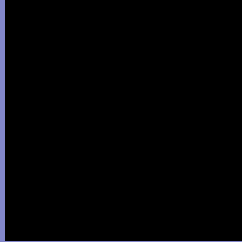
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0131, 0.2500, 0.2300

Background



This preview shows how black text looks on a background with the Yxy color 26.0131, 0.2500, 0.2300.



This preview shows how white text looks on a background with the Yxy color 26.0131, 0.2500, 0.2300.

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

26.0131, 0.2500, 0.2300

Protanopia

26.0329, 0.2386, 0.2285

Deuteranopia

26.0601, 0.2406, 0.2347



Tritanopia

25.9334, 0.2777, 0.3085

Trichromacy



Original Color

26.0131, 0.2500, 0.2300

Protanomaly

26.0577, 0.2427, 0.2291

Deuteranomaly

26.1264, 0.2442, 0.2340

Tritanomaly

25.9457, 0.2668, 0.2770

Monochromacy



Original Color

26.0131, 0.2500, 0.2300

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0198, 0.2874, 0.2903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0131, 0.2500, 0.2300 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(130, 134, 201)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 201)  
}
```

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(130, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 201) }
```

Border

The CSS property to change the border of an element to Yxy 26.0131, 0.2500, 0.2300 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(130, 134, 201) }
```

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

```
.border{ border-color:rgb(130, 134, 201) }
```

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

Here you see how a box with a 4 pixel rgb(130, 134, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0131, 0.2500, 0.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 201) }
```

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

```
.background{ background-color: rgb(130,  
134, 201) }
```

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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