

Converting Colors

$Y_{xy}(26.8276, 0.2558, 0.2330)$

Have a look what the booklet for
Yxy(26.8276, 0.2558, 0.2330)
contains.

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Color

Yxy(26.8634, 0.2561, 0.2330)

Conversions

Conversions Part 1

Format	Color
Hex	8987C9
RGB	137, 135, 201
RGB Percent	54%, 53%, 79%
CMY	0.4627, 0.4706, 0.2117
CMYK	0.32, 0.33, 0.00, 0.21
HSL	242°, 38%, 66%
HSV	242°, 33%, 79%
XYZ	29.5267, 26.8634, 58.9035
YIQ	143.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

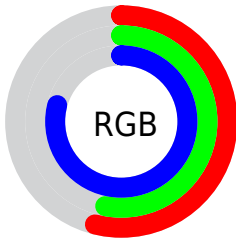
Format	Color
R_{YB}	137, 135, 201
Decimal	9013193
CIE _{Lab}	58.85, 16.01, -33.92
CIE _{LCh}	59, 37.506, 295.274
Yxy	26.8634, 0.2561, 0.2330
Android (android.graphics.Color)	4287203273 (0xFF8987C9)
YUV	143.1220, 28.5339, -5.3690
Hunter-Lab	51.8299, 10.9863, -31.1008

Details

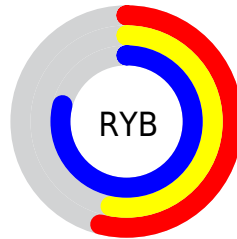
The Yxy color **26.8634, 0.2561, 0.2330** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6787, 0.3601, 0.4106**, and the grayscale version is **27.4107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3929, 0.2697, 0.2539**, and **10.5349, 0.2368, 0.2034** is the 20% darker color. If you saturate the color by 10%, you get **20.2736, 0.2354, 0.1982**, and if you desaturate by 10%, it is **34.8118, 0.2755, 0.2657**.

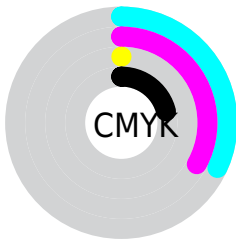
Distribution



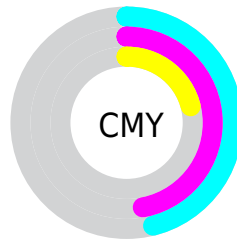
- Red (54%)
- Green (53%)
- Blue (79%)



- Red (54%)
- Yellow (53%)
- Blue (79%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8634, 0.2561, 0.2330 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 26.8634, 0.2561, 0.2330 by changing the saturation by 10% instead.

■ 26.8634, 0.2561,
0.2330

■ 26.8634, 0.2561,
0.2330

■ 286.9951, 0.2868,
0.2822

■ 17.4707, 0.2478,
0.2206

■ 54.6646, 0.2678,
0.2511

■ 10.5706, 0.2367,
0.2046

■ 73.8418, 0.2720,
0.2578

■ 5.7789, 0.2215,
0.1835

■ 97.0494, 0.2755,
0.2635

■ 2.7111, 0.1995,
0.1549

■ 124.6716, 0.2785,
0.2683

■ 0.9828, 0.1658,
0.1149

■ 157.0929, 0.2810,
0.2725

■ 0.0000, 0.0859,
0.0000

■ 194.6976, 0.2832,

■ 0.0000, 0.0000,

0.2762

0.0000

237.8702, 0.2851,
0.2794

■ 26.8634, 0.2561,
0.2330

■ 26.8634, 0.2561,
0.2330

■ 20.2736, 0.2354,
0.1982

■ 34.8118, 0.2755,
0.2657

■ 14.9636, 0.2143,
0.1631

■ 44.1855, 0.2931,
0.2956

■ 10.8510, 0.1941,
0.1298

■ 55.0508, 0.3087,
0.3221

■ 7.8429, 0.1765,
0.1011

■ 67.4687, 0.3222,
0.3453

■ 5.8326, 0.1629,
0.0793

■ 81.4968, 0.3339,
0.3654

■ 4.6922, 0.1543,
0.0658

■ 96.7989, 0.3441,
0.3821

■ 4.2579, 0.1509,
0.0605

■ 96.9983, 0.3448,
0.3820

Harmonies

Analogous

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



26.8634, 0.2168, 0.2348



26.8634, 0.2561, 0.2330



26.8634, 0.3145, 0.2516

Triad

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



26.8634, 0.2561, 0.2330



26.8634, 0.4377, 0.3799



26.8634, 0.2461, 0.3746

Complementary

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



26.8634, 0.2561, 0.2330



55.6787, 0.3601, 0.4106

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.



26.8634, 0.3011, 0.4281



26.8634, 0.2561, 0.2330



26.8634, 0.4130, 0.4222

Square

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



26.8634, 0.2561, 0.2330



26.8634, 0.4255, 0.3317



26.8634, 0.3623, 0.4440



26.8634, 0.2110, 0.3098

Rectangle

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



26.8634, 0.2561, 0.2330



26.8634, 0.3578, 0.2735



26.8634, 0.3623, 0.4440



26.8634, 0.2627, 0.3953

Sweetspot

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



26.8644, 0.2561, 0.2330



80.4048, 0.2975, 0.3031



50.6434, 0.2662, 0.3274



16.6666, 0.2952, 0.2991



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.



26.8644, 0.2561, 0.2330



38.1749, 0.2423, 0.2099



29.9925, 0.2853, 0.2404



10.3027, 0.2987, 0.3051



2.6837, 0.1511, 0.0606



0.1326, 0.1550, 0.0627

Inverse Universe

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



33.8721, 0.3184, 0.2504



51.9122, 0.3197, 0.2350



51.7408, 0.3330, 0.4184



10.8108, 0.3142, 0.3069



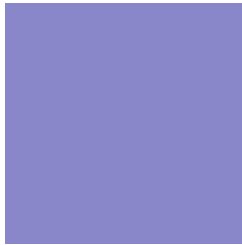
10.2838, 0.3286, 0.1584



0.4887, 0.3269, 0.1574

Previews

White Background



This preview shows how the Yxy color 26.8634, 0.2561, 0.2330 looks on a white background.

Color Contrast Check

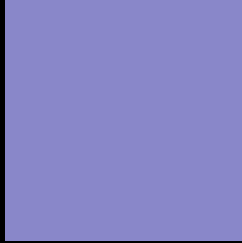
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8634, 0.2561, 0.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

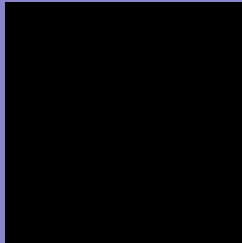
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8634, 0.2561, 0.2330

Background



This preview shows how black text looks on a background with the Yxy color 26.8634, 0.2561, 0.2330.



This preview shows how white text looks on a background with the Yxy color 26.8634, 0.2561, 0.2330.

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

26.8634, 0.2561, 0.2330

Protanopia

26.8179, 0.2413, 0.2321

Deuteranopia

26.9194, 0.2441, 0.2385



Tritanopia

26.8251, 0.2854, 0.3106

Trichromacy



Original Color

26.8634, 0.2561, 0.2330

Protanomaly

26.9244, 0.2463, 0.2329

Deuteranomaly

26.7827, 0.2483, 0.2365

Tritanomaly

26.8536, 0.2743, 0.2797

Monochromacy



Original Color

26.8634, 0.2561, 0.2330

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0992, 0.2907, 0.2911

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8634, 0.2561, 0.2330 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(137, 135, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 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(137, 135, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 201) }
```

Border

The CSS property to change the border of an element to Yxy 26.8634, 0.2561, 0.2330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

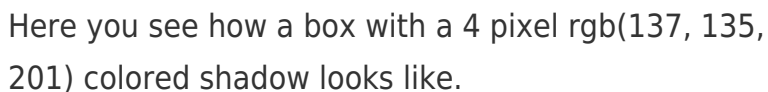
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 135, 201) }
```

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

```
.border{ border-color:rgb(137, 135, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 135, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8634, 0.2561, 0.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 201) }
```

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

```
.background{ background-color: rgb(137,  
135, 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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