

Converting Colors

$Y_{xy}(27.0882, 0.2486, 0.2357)$

Have a look what the booklet for
Yxy(27.0882, 0.2486, 0.2357)
contains.

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Color

Yxy(26.9060, 0.2484, 0.2355)

Conversions

Conversions Part 1

Format	Color
Hex	7F8AC9
RGB	127, 138, 201
RGB Percent	50%, 54%, 79%
CMY	0.5021, 0.4588, 0.2117
CMYK	0.37, 0.31, 0.00, 0.21
HSL	231°, 41%, 64%
HSV	231°, 37%, 79%
XYZ	28.3798, 26.9060, 58.9647
YIQ	141.8930, -26.7790, 17.2610

Conversions

Conversions Part 2

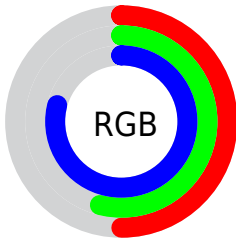
Format	Color
RYB	127, 137, 201
Decimal	8358601
CIELab	58.89, 11.40, -33.90
CIElCh	59, 35.769, 288.586
Yxy	26.9060, 0.2484, 0.2355
Android (android.graphics.Color)	4286548681 (0xFF7F8AC9)
YUV	141.8930, 29.1398, -13.0612
Hunter-Lab	51.8710, 6.8873, -31.0886

Details

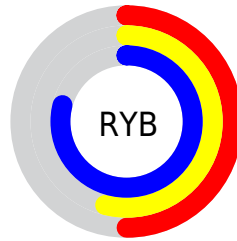
The Yxy color **26.9060, 0.2484, 0.2355** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7608, 0.3721, 0.4077**, and the grayscale version is **26.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4267, 0.2633, 0.2561**, and **10.5419, 0.2264, 0.2061** is the 20% darker color. If you saturate the color by 10%, you get **20.9878, 0.2285, 0.2048**, and if you desaturate by 10%, it is **33.9067, 0.2677, 0.2644**.

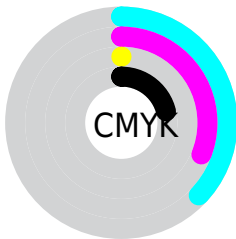
Distribution



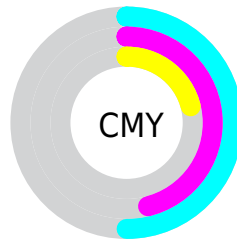
- Red (50%)
- Green (54%)
- Blue (79%)



- Red (50%)
- Yellow (54%)
- Blue (79%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9060, 0.2484, 0.2355 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 26.9060, 0.2484, 0.2355 by changing the saturation by 10% instead.

■ 26.9060, 0.2484,
0.2355

■ 26.9060, 0.2484,
0.2355

■ 287.2017, 0.2829,
0.2838

■ 17.5026, 0.2391,
0.2232

■ 54.7330, 0.2614,
0.2533

■ 10.5935, 0.2270,
0.2073

■ 73.9254, 0.2662,
0.2599

■ 5.7942, 0.2103,
0.1863

■ 97.1496, 0.2702,
0.2655

■ 2.7204, 0.1865,
0.1576

■ 124.7901, 0.2735,
0.2702

■ 0.9875, 0.1508,
0.1172

■ 157.2311, 0.2764,
0.2743

■ 0.0000, 0.0531,
0.0000

■ 194.8571, 0.2789,

■ 0.0000, 0.0000,

0.2779

0.0000

238.0525, 0.2810,
0.2810

■ 26.9060, 0.2484,
0.2355

■ 26.9060, 0.2484,
0.2355

■ 20.9878, 0.2285,
0.2048

■ 33.9067, 0.2677,
0.2644

■ 16.0946, 0.2088,
0.1734

■ 42.0375, 0.2858,
0.2908

■ 12.1682, 0.1905,
0.1429

■ 51.3468, 0.3023,
0.3144

■ 9.1429, 0.1748,
0.1153

■ 61.8791, 0.3173,
0.3353

■ 6.9448, 0.1628,
0.0924

■ 73.6768, 0.3305,
0.3535

■ 5.4848, 0.1551,
0.0757

■ 86.7803, 0.3423,
0.3693

■ 5.1465, 0.1532,
0.0716

■ 96.9978, 0.3448,
0.3820

Harmonies

Analogous

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



26.9060, 0.2154, 0.2423



26.9060, 0.2484, 0.2355



26.9060, 0.3011, 0.2493

Triad

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



26.9060, 0.2484, 0.2355



26.9060, 0.4326, 0.3681



26.9060, 0.2597, 0.3857

Complementary

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



26.9060, 0.2484, 0.2355



50.7608, 0.3721, 0.4077

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.



26.9060, 0.3150, 0.4299



26.9060, 0.2484, 0.2355



26.9060, 0.4165, 0.4106

Square

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



26.9060, 0.2484, 0.2355



26.9060, 0.4127, 0.3218



26.9060, 0.3726, 0.4367



26.9060, 0.2209, 0.3242

Rectangle

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



26.9060, 0.2484, 0.2355



26.9060, 0.3421, 0.2681



26.9060, 0.3726, 0.4367



26.9060, 0.2769, 0.4038

Sweetspot

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



26.9070, 0.2484, 0.2355



80.7712, 0.2954, 0.3046



50.0027, 0.2681, 0.3444



16.8195, 0.2931, 0.3014



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.



26.9070, 0.2484, 0.2355



38.0268, 0.2329, 0.2117



26.1461, 0.2692, 0.2253



10.5388, 0.2983, 0.3087



3.3197, 0.1537, 0.0733



0.2412, 0.1627, 0.1056

Inverse Universe

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



29.4229, 0.3878, 0.3147



43.3672, 0.4122, 0.3118



52.4365, 0.3454, 0.4270



10.6623, 0.3266, 0.3256



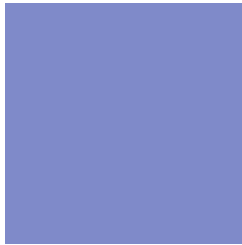
7.8751, 0.6178, 0.3177



0.3814, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 26.9060, 0.2484, 0.2355 looks on a white background.

Color Contrast Check

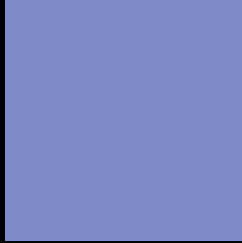
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9060, 0.2484, 0.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

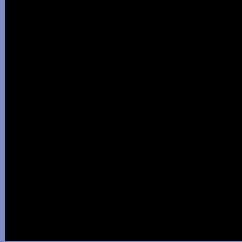
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9060, 0.2484, 0.2355

Background



This preview shows how black text looks on a background with the Yxy color 26.9060, 0.2484, 0.2355.



This preview shows how white text looks on a background with the Yxy color 26.9060, 0.2484, 0.2355.

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

26.9060, 0.2484, 0.2355

Protanopia

26.8671, 0.2441, 0.2349

Deuteranopia

26.9663, 0.2435, 0.2373



Tritanopia

26.8083, 0.2738, 0.3086

Trichromacy



Original Color

26.9060, 0.2484, 0.2355

Protanomaly

27.0146, 0.2456, 0.2353

Deuteranomaly

26.8932, 0.2455, 0.2363

Tritanomaly

26.7659, 0.2641, 0.2788

Monochromacy



Original Color

26.9060, 0.2484, 0.2355

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0125, 0.2877, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9060, 0.2484, 0.2355 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(127, 138, 201)` looks like.

```
.text, #text, p{  
    color:rgb(127, 138, 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(127, 138, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 138, 201) }
```

Border

The CSS property to change the border of an element to Yxy 26.9060, 0.2484, 0.2355 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(127, 138, 201) }
```

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

```
.border{ border-color:rgb(127, 138, 201) }
```

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

Here you see how a box with a 4 pixel rgb(127, 138, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 138, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 138, 201);  
box-shadow:4px 4px 4px 4px rgb(127, 138,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9060, 0.2484, 0.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 138, 201) }
```

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

```
.background{ background-color: rgb(127,  
138, 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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