

Converting Colors

$Y_{xy}(26.4851, 0.3082, 0.2871)$

Have a look what the booklet for
Yxy(26.4851, 0.3082, 0.2871)
contains.

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Color

Yxy(26.5920, 0.3081, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	9B86A1
RGB	155, 134, 161
RGB Percent	61%, 53%, 63%
CMY	0.3921, 0.4745, 0.3685
CMYK	0.04, 0.17, 0.00, 0.37
HSL	287°, 13%, 58%
HSV	287°, 17%, 63%
XYZ	28.4776, 26.5920, 37.3601
YIQ	143.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

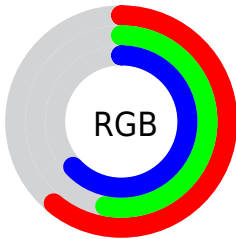
Format	Color
RYB	155, 134, 161
Decimal	10192545
CIELab	58.59, 13.04, -11.40
CIElCh	59, 17.327, 318.836
Yxy	26.5920, 0.3081, 0.2877
Android (android.graphics.Color)	4288382625 (0xFF9B86A1)
YUV	143.3570, 8.6980, 10.2109
Hunter-Lab	51.5674, 8.3317, -6.8578

Details

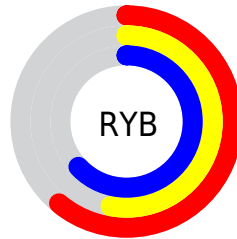
The Yxy color $26.5920, 0.3081, 0.2877$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $32.7959, 0.3164, 0.3723$, and the grayscale version is $27.5827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2002, 0.3094, 0.2956$, and $10.3878, 0.3072, 0.2742$ is the 20% darker color. If you saturate the color by 10%, you get $22.1261, 0.3046, 0.2618$, and if you desaturate by 10%, it is $31.7485, 0.3110, 0.3127$.

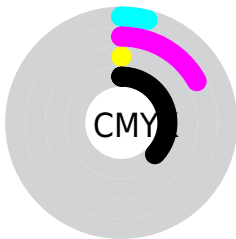
Distribution



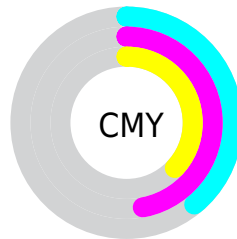
- Red (61%)
- Green (53%)
- Blue (63%)



- Red (61%)
- Yellow (53%)
- Blue (63%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)





- Cyan (39%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5920, 0.3081, 0.2877 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 26.5920, 0.3081, 0.2877 by changing the saturation by 10% instead.


 26.5920, 0.3081,
0.2877


 26.5920, 0.3081,
0.2877


285.6762, 0.3109,
0.3097


 17.2670, 0.3072,
0.2818


 54.2285, 0.3092,
0.2960

 10.4251, 0.3060,
0.2738


 73.3088, 0.3096,
0.2990

 5.6817, 0.3041,
0.2627


 96.4096, 0.3099,
0.3015

 2.6525, 0.3009,
0.2461

123.9154, 0.3102,
0.3037

 0.9531, 0.2945,
0.2188

156.2106, 0.3104,
0.3055

 0.0000, 0.2136,
0.0000

193.6795, 0.3106,

 0.0000, 0.0000,

0.3071

0.0000

236.7066, 0.3107,
0.3084

■ 26.5920, 0.3081,
0.2877

■ 26.5920, 0.3081,
0.2877

■ 22.1261, 0.3046,
0.2618

■ 31.7485, 0.3110,
0.3127

■ 18.3167, 0.3005,
0.2357

■ 37.6208, 0.3134,
0.3365

■ 15.1320, 0.2958,
0.2103

■ 44.2372, 0.3154,
0.3586

■ 12.5360, 0.2906,
0.1866

■ 51.6232, 0.3169,
0.3790

■ 10.4893, 0.2851,
0.1656

■ 59.8034, 0.3181,
0.3977

■ 8.9473, 0.2792,
0.1482

■ 68.8010, 0.3189,
0.4146

■ 7.8585, 0.2733,
0.1351

■ 78.6384, 0.3196,
0.4299

■ 7.1458, 0.2675,
0.1263

■ 84.2469, 0.3209,
0.4368

■ 6.9458, 0.2657,
0.1237

■ 84.6945, 0.3231,
0.4361

Harmonies

Analogous

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



26.5920, 0.2810, 0.2808



26.5920, 0.3081, 0.2877



26.5920, 0.3376, 0.3044

Triad

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



26.5920, 0.3081, 0.2877



26.5920, 0.3642, 0.3714



26.5920, 0.2664, 0.3279

Complementary

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



26.5920, 0.3081, 0.2877



32.7959, 0.3164, 0.3723

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.



26.5920, 0.2870, 0.3554



26.5920, 0.3081, 0.2877



26.5920, 0.3435, 0.3810

Square

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



26.5920, 0.3081, 0.2877



26.5920, 0.3709, 0.3515



26.5920, 0.3152, 0.3754



26.5920, 0.2578, 0.3023

Rectangle

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



26.5920, 0.3081, 0.2877



26.5920, 0.3544, 0.3192



26.5920, 0.3152, 0.3754



26.5920, 0.2721, 0.3373

Sweetspot

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



26.5931, 0.3081, 0.2877



58.5245, 0.3115, 0.3169



26.4879, 0.2865, 0.2954



12.6906, 0.3113, 0.3153



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5931, 0.3081, 0.2877



44.5983, 0.3069, 0.2785



26.9566, 0.3221, 0.2990



7.1223, 0.3104, 0.3066



5.5642, 0.2661, 0.1240



0.1355, 0.2872, 0.1356

Inverse Universe

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



26.5236, 0.3371, 0.3198



44.4682, 0.3435, 0.3177



32.4952, 0.3045, 0.3610



7.1106, 0.3251, 0.3240



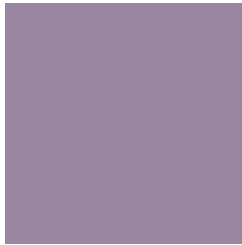
6.1579, 0.5969, 0.3062



0.1359, 0.5060, 0.2561

Previews

White Background



This preview shows how the Yxy color 26.5920, 0.3081, 0.2877 looks on a white background.

Color Contrast Check

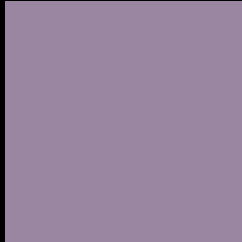
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5920, 0.3081, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

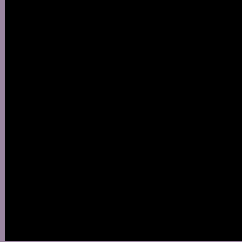
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5920, 0.3081, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 26.5920, 0.3081, 0.2877.



This preview shows how white text looks on a background with the Yxy color 26.5920, 0.3081, 0.2877.

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

26.5920, 0.3081, 0.2877

Protanopia

26.7070, 0.2849, 0.2891

Deuteranopia

26.5404, 0.2995, 0.2928



Tritanopia

26.4872, 0.3202, 0.3117

Trichromacy



Original Color

26.5920, 0.3081, 0.2877

Protanomaly

26.6969, 0.2927, 0.2881

Deuteranomaly

26.5359, 0.3027, 0.2916

Tritanomaly

26.4650, 0.3162, 0.3025

Monochromacy



Original Color

26.5920, 0.3081, 0.2877

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1612, 0.3102, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5920, 0.3081, 0.2877 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(155, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 134, 161)  
}
```

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(155, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 134, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.5920, 0.3081, 0.2877 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(155, 134, 161) }
```

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

```
.border{ border-color:rgb(155, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 134,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5920, 0.3081, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 134, 161) }
```

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

```
.background{ background-color: rgb(155,  
134, 161) }
```

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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