

Converting Colors

$Y_{xy}(26.5141, 0.2859, 0.2566)$

Have a look what the booklet for
Yxy(26.5141, 0.2859, 0.2566)
contains.

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Color

Yxy(26.5141, 0.2859, 0.2566)

Conversions

Conversions Part 1

Format	Color
Hex	9884B5
RGB	152, 132, 181
RGB Percent	60%, 52%, 71%
CMY	0.4039, 0.4824, 0.2902
CMYK	0.16, 0.27, 0.00, 0.29
HSL	265°, 25%, 61%
HSV	265°, 27%, 71%
XYZ	29.5416, 26.5141, 47.2728
YIQ	143.5660, -3.8090, 19.4790

Conversions

Conversions Part 2

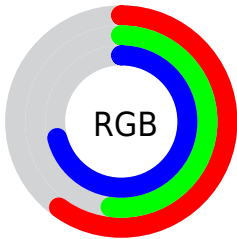
Format	Color
R_YB	152, 132, 181
Decimal	9995445
CIE Lab	58.52, 17.47, -22.96
CIE LCh	59, 28.851, 307.279
Yxy	26.5141, 0.2859, 0.2566
Android (android.graphics.Color)	4288185525 (0xFF9884B5)
YUV	143.5660, 18.4550, 7.3966
Hunter-Lab	51.4918, 12.2973, -18.3877

Details

The Yxy color **26.5141, 0.2859, 0.2566** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.2860, 0.3344, 0.3997**, and the grayscale version is **27.6332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0777, 0.2919, 0.2705**, and **10.3024, 0.2751, 0.2329** is the 20% darker color. If you saturate the color by 10%, you get **21.0379, 0.2734, 0.2266**, and if you desaturate by 10%, it is **32.9373, 0.2970, 0.2852**.

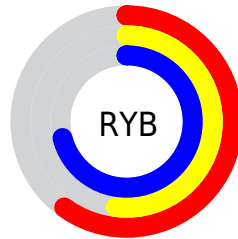
Distribution



Red (60%)

Green (52%)

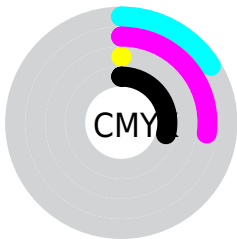
Blue (71%)



Red (60%)

Yellow (52%)

Blue (71%)

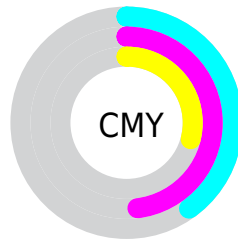


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (40%)


Magenta (48%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5141, 0.2859, 0.2566 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 26.5141, 0.2859, 0.2566 by changing the saturation by 10% instead.


 26.5141, 0.2859,
0.2566


 26.5141, 0.2859,
0.2566


285.2967, 0.3009,
0.2943


 17.2086, 0.2816,
0.2467


 54.1032, 0.2918,
0.2706

 10.3834, 0.2757,
0.2339


 73.1555, 0.2939,
0.2758

 5.6539, 0.2671,
0.2164


 96.2257, 0.2956,
0.2802

 2.6358, 0.2539,
0.1915

123.6980, 0.2970,
0.2838

 0.9447, 0.2313,
0.1538

155.9569, 0.2982,
0.2870

 0.0000, 0.1526,
0.0000

193.3867, 0.2992,

 0.0000, 0.0000,

0.2898

0.0000

236.3718, 0.3001,
0.2922

■ 26.5141, 0.2859,
0.2566

■ 26.5141, 0.2859,
0.2566

■ 21.0379, 0.2734,
0.2266

■ 32.9373, 0.2970,
0.2852

■ 16.4590, 0.2596,
0.1959

■ 40.3475, 0.3067,
0.3117

■ 12.7281, 0.2448,
0.1660

■ 48.7861, 0.3150,
0.3358

■ 9.7894, 0.2297,
0.1383

■ 58.2913, 0.3221,
0.3577

■ 7.5805, 0.2150,
0.1144

■ 68.8994, 0.3280,
0.3772

■ 6.0287, 0.2013,
0.0959

■ 80.6447, 0.3330,
0.3945

■ 5.0318, 0.1892,
0.0831

■ 91.1795, 0.3378,
0.4066

■ 4.7891, 0.1860,
0.0798

■ 92.9745, 0.3450,
0.4048

■ 94.8796, 0.3522,
0.4029

Harmonies

Analogous

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



26.5141, 0.2474, 0.2517



26.5141, 0.2859, 0.2566



26.5141, 0.3348, 0.2775

Triad

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



26.5141, 0.2859, 0.2566



26.5141, 0.4056, 0.3853



26.5141, 0.2475, 0.3445

Complementary

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



26.5141, 0.2859, 0.2566



42.2860, 0.3344, 0.3997

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.



26.5141, 0.2861, 0.3902



26.5141, 0.2859, 0.2566



26.5141, 0.3780, 0.4116

Square

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



26.5141, 0.2859, 0.2566



26.5141, 0.4072, 0.3483



26.5141, 0.3339, 0.4155



26.5141, 0.2267, 0.2979

Rectangle

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



26.5141, 0.2859, 0.2566



26.5141, 0.3667, 0.2982



26.5141, 0.3339, 0.4155



26.5141, 0.2587, 0.3608

Sweetspot

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



26.5152, 0.2859, 0.2566



70.7680, 0.3057, 0.3089



33.8699, 0.2710, 0.2993



14.8493, 0.3044, 0.3051



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.5152, 0.2859, 0.2566



41.9255, 0.2792, 0.2403



29.0796, 0.3107, 0.2617



8.3940, 0.3047, 0.3059



3.3402, 0.1873, 0.0805



0.1396, 0.2208, 0.0990

Inverse Universe

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



28.8981, 0.3369, 0.2886



46.9289, 0.3432, 0.2801



40.0209, 0.3132, 0.4045



8.5868, 0.3198, 0.3156



7.5191, 0.4551, 0.2281



0.2478, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 26.5141, 0.2859, 0.2566 looks on a white background.

Color Contrast Check

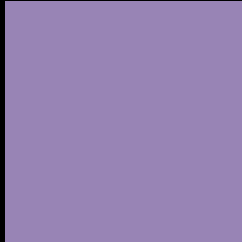
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5141, 0.2859, 0.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

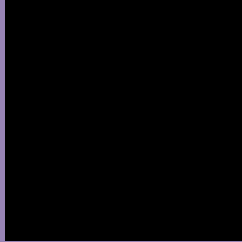
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5141, 0.2859, 0.2566

Background



This preview shows how black text looks on a background with the Yxy color 26.5141, 0.2859, 0.2566.



This preview shows how white text looks on a background with the Yxy color 26.5141, 0.2859, 0.2566.

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

26.5141, 0.2859, 0.2566

Protanopia

26.5996, 0.2602, 0.2563

Deuteranopia

26.5406, 0.2700, 0.2639



Tritanopia

26.5499, 0.3114, 0.3114

Trichromacy



Original Color

26.5141, 0.2859, 0.2566

Protanomaly

26.3874, 0.2693, 0.2558

Deuteranomaly

26.5663, 0.2763, 0.2619

Tritanomaly

26.5711, 0.3017, 0.2901

Monochromacy



Original Color

26.5141, 0.2859, 0.2566

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3935, 0.3034, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5141, 0.2859, 0.2566 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(152, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 181)  
}
```

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(152, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.5141, 0.2859, 0.2566 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(152, 132, 181) }
```

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

```
.border{ border-color:rgb(152, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5141, 0.2859, 0.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 181) }
```

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

```
.background{ background-color: rgb(152,  
132, 181) }
```

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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