

Converting Colors

$Y_{xy}(26.6886, 0.2901, 0.2544)$

Have a look what the booklet for
Yxy(26.6886, 0.2901, 0.2544)
contains.

Yxy(26.7781, 0.2900, 0.2549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7781, 0.2900, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	9D83B6
RGB	157, 131, 182
RGB Percent	62%, 51%, 71%
CMY	0.3842, 0.4863, 0.2863
CMYK	0.14, 0.28, 0.00, 0.29
HSL	271°, 26%, 61%
HSV	271°, 28%, 71%
XYZ	30.4655, 26.7781, 47.8098
YIQ	144.5880, -0.8750, 21.3730

Conversions

Conversions Part 2

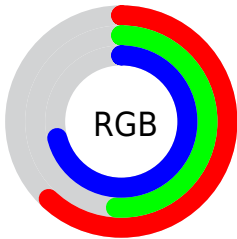
Format	Color
RYB	157, 131, 182
Decimal	10322870
CIELab	58.77, 19.91, -23.10
CIELCh	59, 30.496, 310.750
Yxy	26.7781, 0.2900, 0.2549
Android (android.graphics.Color)	4288512950 (0xFF9D83B6)
YUV	144.5880, 18.4441, 10.8853
Hunter-Lab	51.7476, 14.5305, -18.5550

Details

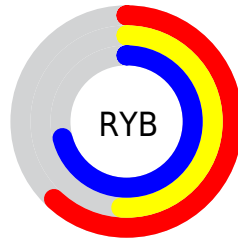
The Yxy color $26.7781, 0.2900, 0.2549$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $42.1524, 0.3305, 0.4035$, and the grayscale version is $28.0649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4511, 0.2950, 0.2690$, and $10.4731, 0.2809, 0.2311$ is the 20% darker color. If you saturate the color by 10%, you get $21.4486, 0.2796, 0.2258$, and if you desaturate by 10%, it is $33.0338, 0.2992, 0.2829$.

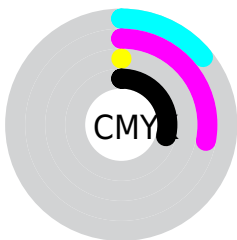
Distribution



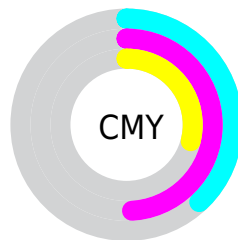
- Red (62%)
- Green (51%)
- Blue (71%)



- Red (62%)
- Yellow (51%)
- Blue (71%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)





- Cyan (38%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7781, 0.2900, 0.2549 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 26.7781, 0.2900, 0.2549 by changing the saturation by 10% instead.


 26.7781, 0.2900,
0.2549

 26.7781, 0.2900,
0.2549


286.5811, 0.3029,
0.2933


 17.4066, 0.2862,
0.2449


 54.5276, 0.2951,
0.2692

 10.5248, 0.2811,
0.2320


 73.6744, 0.2969,
0.2744

 5.7483, 0.2736,
0.2144


 96.8484, 0.2983,
0.2788

 2.6926, 0.2618,
0.1895

124.4341, 0.2995,
0.2826

 0.9735, 0.2416,
0.1522

156.8158, 0.3006,
0.2858

 0.0000, 0.1861,
0.0000

194.3780, 0.3015,

 0.0000, 0.0000,

0.2887

0.0000

237.5049, 0.3022,
0.2911

■ 26.7781, 0.2900,
0.2549

■ 26.7781, 0.2900,
0.2549

■ 21.4486, 0.2796,
0.2258

■ 33.0338, 0.2992,
0.2829

■ 16.9957, 0.2680,
0.1965

■ 40.2552, 0.3072,
0.3093

■ 13.3699, 0.2556,
0.1683

■ 48.4838, 0.3140,
0.3337

■ 10.5157, 0.2427,
0.1426

■ 57.7575, 0.3197,
0.3558

■ 8.3700, 0.2299,
0.1207

■ 68.1121, 0.3245,
0.3759

6.8596, 0.2177,
0.1038

79.5818, 0.3285,
0.3938

5.8688, 0.2066,
0.0921

90.0184, 0.3323,
0.4068

5.6972, 0.2045,
0.0900

91.4411, 0.3382,
0.4053

92.9390, 0.3441,
0.4038

Harmonies

Analogous

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



26.7781, 0.2480, 0.2475



26.7781, 0.2900, 0.2549



26.7781, 0.3420, 0.2783

Triad

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



26.7781, 0.2900, 0.2549



26.7781, 0.4083, 0.3918



26.7781, 0.2405, 0.3391

Complementary

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



26.7781, 0.2900, 0.2549



42.1524, 0.3305, 0.4035

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.



26.7781, 0.2792, 0.3889



26.7781, 0.2900, 0.2549



26.7781, 0.3765, 0.4178

Square

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



26.7781, 0.2900, 0.2549



26.7781, 0.4137, 0.3536



26.7781, 0.3289, 0.4189



26.7781, 0.2213, 0.2911

Rectangle

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



26.7781, 0.2900, 0.2549



26.7781, 0.3749, 0.3007



26.7781, 0.3289, 0.4189



26.7781, 0.2515, 0.3566

Sweetspot

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



26.7792, 0.2900, 0.2549



72.8295, 0.3071, 0.3090



32.1443, 0.2687, 0.2901



15.6253, 0.3060, 0.3052



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.7792, 0.2900, 0.2549



42.0353, 0.2833, 0.2359



29.5524, 0.3159, 0.2605



8.9387, 0.3062, 0.3059



4.0638, 0.2056, 0.0906



0.1800, 0.2342, 0.1064

Inverse Universe

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



28.5747, 0.3438, 0.2941



45.9674, 0.3536, 0.2855



39.9132, 0.3090, 0.4086



9.0835, 0.3213, 0.3179



7.5472, 0.4975, 0.2514



0.2786, 0.4403, 0.2199

Previews

White Background



This preview shows how the Yxy color 26.7781, 0.2900, 0.2549 looks on a white background.

Color Contrast Check

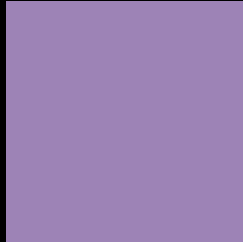
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7781, 0.2900, 0.2549 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 26.7781, 0.2900, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 26.7781, 0.2900, 0.2549.



This preview shows how white text looks on a background with the Yxy color 26.7781, 0.2900, 0.2549.

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

26.7781, 0.2900, 0.2549

Protanopia

26.9762, 0.2589, 0.2553

Deuteranopia

26.9114, 0.2711, 0.2657



Tritanopia

26.7048, 0.3179, 0.3117

Trichromacy



Original Color

26.7781, 0.2900, 0.2549

Protanomaly

26.9255, 0.2696, 0.2551

Deuteranomaly

26.7842, 0.2774, 0.2609

Tritanomaly

26.7360, 0.3080, 0.2906

Monochromacy



Original Color

26.7781, 0.2900, 0.2549

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6144, 0.3045, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7781, 0.2900, 0.2549 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(157, 131, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 182)  
}
```

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(157, 131, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.7781, 0.2900, 0.2549 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(157, 131, 182) }
```

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

```
.border{ border-color:rgb(157, 131, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 131, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 131, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 131, 182);  
box-shadow:4px 4px 4px 4px rgb(157, 131,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7781, 0.2900, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 182) }
```

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

```
.background{ background-color: rgb(157,  
131, 182) }
```

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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