

Converting Colors

$Y_{xy}(25.0122, 0.2979, 0.2704)$

Have a look what the booklet for
Yxy(25.0122, 0.2979, 0.2704)
contains.

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Color

Yxy(25.0698, 0.2979, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	9781A7
RGB	151, 129, 167
RGB Percent	59%, 51%, 65%
CMY	0.4078, 0.4941, 0.3450
CMYK	0.10, 0.23, 0.00, 0.35
HSL	275°, 18%, 58%
HSV	275°, 23%, 65%
XYZ	27.5888, 25.0698, 39.9524
YIQ	139.9100, 0.9140, 16.4820

Conversions

Conversions Part 2

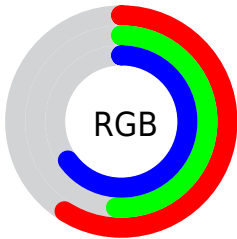
Format	Color
RYB	151, 129, 167
Decimal	9929127
CIELab	57.14, 15.78, -17.07
CIELCh	57, 23.251, 312.751
Yxy	25.0698, 0.2979, 0.2707
Android (android.graphics.Color)	4288119207 (0xFF9781A7)
YUV	139.9100, 13.3554, 9.7259
Hunter-Lab	50.0698, 10.7328, -12.2607

Details

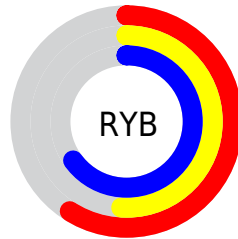
The Yxy color **25.0698, 0.2979, 0.2707** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.2505, 0.3247, 0.3885**, and the grayscale version is **26.1364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7090, 0.3011, 0.2826**, and **9.6845, 0.2921, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **20.3712, 0.2897, 0.2428**, and if you desaturate by 10%, it is **30.5299, 0.3051, 0.2974**.

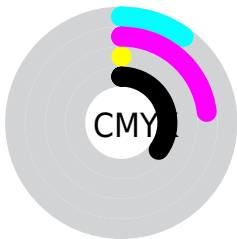
Distribution



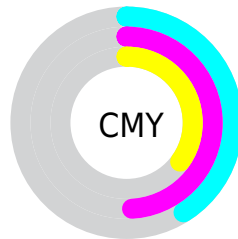
- Red (59%)
- Green (51%)
- Blue (65%)



- Red (59%)
- Yellow (51%)
- Blue (65%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)





- Cyan (41%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0698, 0.2979, 0.2707 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 25.0698, 0.2979, 0.2707 by changing the saturation by 10% instead.


 25.0698, 0.2979,
0.2707


 25.0698, 0.2979,
0.2707


278.1854, 0.3064,
0.3016


 16.1291, 0.2953,
0.2624


 51.7704, 0.3013,
0.2824

 9.6155, 0.2917,
0.2513


 70.2991, 0.3025,
0.2866

 5.1448, 0.2864,
0.2360


 92.7926, 0.3035,
0.2902

 2.3325, 0.2777,
0.2134

119.6352, 0.3043,
0.2932

 0.7908, 0.2617,
0.1765

151.2114, 0.3049,
0.2957

 0.0000, 0.0907,
0.0000

187.9056, 0.3055,

 0.0000, 0.0000,

0.2980

0.0000

230.1021, 0.3060,
0.2999

■ 25.0698, 0.2979,
0.2707

■ 25.0698, 0.2979,
0.2707

■ 20.3712, 0.2897,
0.2428

■ 30.5299, 0.3051,
0.2974

■ 16.3953, 0.2804,
0.2145

■ 36.7816, 0.3112,
0.3224

■ 13.1046, 0.2702,
0.1868

■ 43.8570, 0.3164,
0.3455

■ 10.4570, 0.2593,
0.1608

■ 51.7857, 0.3207,
0.3666

■ 8.4055, 0.2481,
0.1380

■ 60.5957, 0.3242,
0.3857

6.8962, 0.2370,
0.1194

70.3137, 0.3272,
0.4028

5.8653, 0.2264,
0.1058

80.9652, 0.3295,
0.4182

5.3126, 0.2192,
0.0981

87.6190, 0.3327,
0.4253

88.6573, 0.3373,
0.4238

Harmonies

Analogous

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



25.0698, 0.2635, 0.2641



25.0698, 0.2979, 0.2707



25.0698, 0.3386, 0.2904

Triad

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



25.0698, 0.2979, 0.2707



25.0698, 0.3866, 0.3812



25.0698, 0.2544, 0.3348

Complementary

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



25.0698, 0.2979, 0.2707



35.2505, 0.3247, 0.3885

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.



25.0698, 0.2845, 0.3727



25.0698, 0.2979, 0.2707



25.0698, 0.3611, 0.3991

Square

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



25.0698, 0.2979, 0.2707



25.0698, 0.3917, 0.3518



25.0698, 0.3235, 0.3971



25.0698, 0.2397, 0.2980

Rectangle

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



25.0698, 0.2979, 0.2707



25.0698, 0.3635, 0.3090



25.0698, 0.3235, 0.3971



25.0698, 0.2629, 0.3480

Sweetspot

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



25.0709, 0.2979, 0.2707



60.7939, 0.3086, 0.3117



27.8543, 0.2771, 0.2943



13.4632, 0.3083, 0.3103



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.0709, 0.2979, 0.2707



40.7466, 0.2941, 0.2576



26.6162, 0.3180, 0.2772



7.5068, 0.3073, 0.3063



4.0936, 0.2201, 0.0986



0.1287, 0.2538, 0.1172

Inverse Universe

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



25.9633, 0.3394, 0.3049



42.6590, 0.3466, 0.2996



33.9645, 0.3077, 0.3870



7.5928, 0.3222, 0.3195



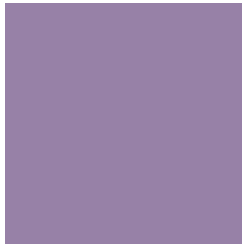
6.6379, 0.5249, 0.2665



0.1718, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 25.0698, 0.2979, 0.2707 looks on a white background.

Color Contrast Check

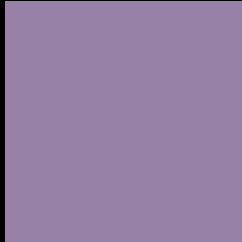
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0698, 0.2979, 0.2707 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 25.0698, 0.2979, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 25.0698, 0.2979, 0.2707.



This preview shows how white text looks on a background with the Yxy color 25.0698, 0.2979, 0.2707.

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

25.0698, 0.2979, 0.2707

Protanopia

25.2540, 0.2717, 0.2712

Deuteranopia

25.0376, 0.2835, 0.2777



Tritanopia

24.9917, 0.3169, 0.3112

Trichromacy



Original Color

25.0698, 0.2979, 0.2707

Protanomaly

24.9957, 0.2808, 0.2704

Deuteranomaly

24.9184, 0.2885, 0.2752

Tritanomaly

25.0654, 0.3097, 0.2971

Monochromacy



Original Color

25.0698, 0.2979, 0.2707

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7396, 0.3072, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0698, 0.2979, 0.2707 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(151, 129, 167)` looks like.

```
.text, #text, p{  
    color:rgb(151, 129, 167)  
}
```

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(151, 129, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 129, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.0698, 0.2979, 0.2707 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(151, 129, 167) }
```

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

```
.border{ border-color:rgb(151, 129, 167) }
```

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

Here you see how a box with a 4 pixel rgb(151, 129, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 129, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 129, 167);  
box-shadow:4px 4px 4px 4px rgb(151, 129,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0698, 0.2979, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 129, 167) }
```

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

```
.background{ background-color: rgb(151,  
129, 167) }
```

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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