

Converting Colors

$Y_{xy}(25.9872, 0.2732, 0.2344)$

Have a look what the booklet for
Yxy(25.9872, 0.2732, 0.2344)
contains.

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Color

Yxy(25.9127, 0.2733, 0.2343)

Conversions

Conversions Part 1

Format	Color
Hex	9780C2
RGB	151, 128, 194
RGB Percent	59%, 50%, 76%
CMY	0.4077, 0.4981, 0.2391
CMYK	0.22, 0.34, 0.00, 0.24
HSL	261°, 35%, 63%
HSV	261°, 34%, 76%
XYZ	30.2260, 25.9127, 54.4576
YIQ	142.4010, -7.4780, 25.4020

Conversions

Conversions Part 2

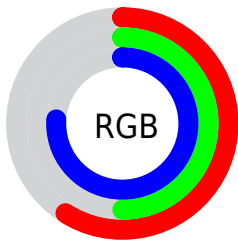
Format	Color
R_{YB}	151, 128, 194
Decimal	9928898
CIE _{Lab}	57.95, 22.52, -31.25
CIE _{LCh}	58, 38.516, 305.776
Yxy	25.9127, 0.2733, 0.2343
Android (android.graphics.Color)	4288118978 (0xFF9780C2)
YUV	142.4010, 25.4383, 7.5413
Hunter-Lab	50.9045, 16.9064, -27.7952

Details

The Yxy color **25.9127, 0.2733, 0.2343** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.8037, 0.3431, 0.4189**, and the grayscale version is **27.1188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1346, 0.2816, 0.2519**, and **10.1381, 0.2591, 0.2073** is the 20% darker color. If you saturate the color by 10%, you get **20.1831, 0.2585, 0.2029**, and if you desaturate by 10%, it is **32.7414, 0.2867, 0.2646**.

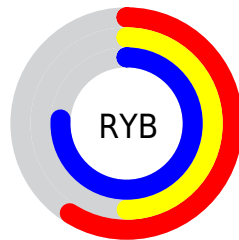
Distribution



Red (59%)

Green (50%)

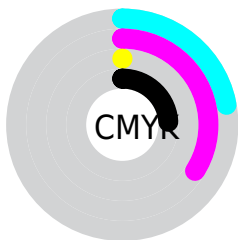
Blue (76%)



Red (59%)

Yellow (50%)

Blue (76%)

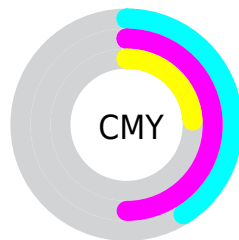


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (41%)


Magenta (50%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9127, 0.2733, 0.2343 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 25.9127, 0.2733, 0.2343 by changing the saturation by 10% instead.


 25.9127, 0.2733,
0.2343


 25.9127, 0.2733,
0.2343


282.3533, 0.2954,
0.2828


 16.7583, 0.2670,
0.2220


 53.1341, 0.2819,
0.2521

 10.0623, 0.2586,
0.2062


 71.9699, 0.2849,
0.2588

 5.4403, 0.2466,
0.1852


 94.8016, 0.2874,
0.2644

 2.5079, 0.2285,
0.1565

122.0137, 0.2895,
0.2691

 0.8806, 0.1993,
0.1160

153.9905, 0.2913,
0.2733

 0.0000, 0.1268,
0.0000

191.1165, 0.2929,

 0.0000, 0.0000,

0.2769

0.0000

233.7759, 0.2942,
0.2800

■ 25.9127, 0.2733,
0.2343

■ 25.9127, 0.2733,
0.2343

■ 20.1831, 0.2585,
0.2029

■ 32.7414, 0.2867,
0.2646

■ 15.4902, 0.2426,
0.1716

■ 40.7210, 0.2986,
0.2931

■ 11.7698, 0.2263,
0.1421


■ 49.9036, 0.3090,
0.3192


■ 8.9491, 0.2103,
0.1161


■ 60.3372, 0.3178,
0.3428

■ 6.9444, 0.1956,
0.0954

■ 72.0671, 0.3254,
0.3638

 5.6554, 0.1829,
0.0809

 85.1363, 0.3317,
0.3825

 5.1153, 0.1764,
0.0745

 93.8427, 0.3386,
0.3911

 96.1234, 0.3470,
0.3894

 96.6758, 0.3490,
0.3890

Harmonies

Analogous

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



25.9127, 0.2250, 0.2283



25.9127, 0.2733, 0.2343



25.9127, 0.3381, 0.2600

Triad

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



25.9127, 0.2733, 0.2343



25.9127, 0.4373, 0.3979



25.9127, 0.2280, 0.3523

Complementary

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



25.9127, 0.2733, 0.2343



48.8037, 0.3431, 0.4189

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.



25.9127, 0.2788, 0.4164



25.9127, 0.2733, 0.2343



25.9127, 0.4003, 0.4369

Square

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



25.9127, 0.2733, 0.2343



25.9127, 0.4390, 0.3489



25.9127, 0.3419, 0.4481



25.9127, 0.2009, 0.2881

Rectangle

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



25.9127, 0.2733, 0.2343



25.9127, 0.3820, 0.2857



25.9127, 0.3419, 0.4481



25.9127, 0.2427, 0.3753

Sweetspot

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



25.9137, 0.2733, 0.2343



79.9433, 0.3028, 0.3035



37.9918, 0.2609, 0.2968



16.9974, 0.3013, 0.2997



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.



25.9137, 0.2733, 0.2343



38.8589, 0.2621, 0.2104



29.3995, 0.3053, 0.2426



9.9152, 0.3037, 0.3056



3.4041, 0.1777, 0.0753



0.1858, 0.2039, 0.0897

Inverse Universe

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



29.8454, 0.3409, 0.2726



47.2314, 0.3495, 0.2600



45.6379, 0.3165, 0.4268



10.1858, 0.3190, 0.3141



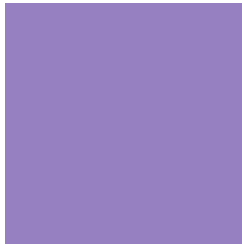
8.5517, 0.4321, 0.2154



0.3821, 0.4013, 0.1984

Previews

White Background



This preview shows how the Yxy color 25.9127, 0.2733, 0.2343 looks on a white background.

Color Contrast Check

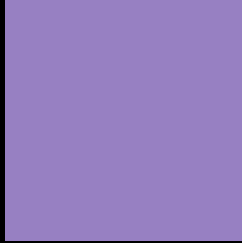
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9127, 0.2733, 0.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

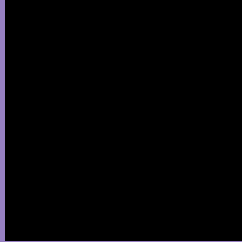
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9127, 0.2733, 0.2343

Background



This preview shows how black text looks on a background with the Yxy color 25.9127, 0.2733, 0.2343.



This preview shows how white text looks on a background with the Yxy color 25.9127, 0.2733, 0.2343.

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

25.9127, 0.2733, 0.2343

Protanopia

26.0303, 0.2420, 0.2325

Deuteranopia

26.1203, 0.2506, 0.2458



Tritanopia

25.8691, 0.3081, 0.3111

Trichromacy



Original Color

25.9127, 0.2733, 0.2343

Protanomaly

25.9527, 0.2530, 0.2338

Deuteranomaly

25.8870, 0.2584, 0.2404

Tritanomaly

25.8778, 0.2947, 0.2806

Monochromacy



Original Color

25.9127, 0.2733, 0.2343

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4843, 0.2975, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9127, 0.2733, 0.2343 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, 128, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 194)  
}
```

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, 128, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 194) }
```

Border

The CSS property to change the border of an element to Yxy 25.9127, 0.2733, 0.2343 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, 128, 194) }
```

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

```
.border{ border-color:rgb(151, 128, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 128, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 128, 194); box-shadow:4px 4px 4px 4px rgb(151, 128, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9127, 0.2733, 0.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 194) }
```

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

```
.background{ background-color: rgb(151,  
128, 194) }
```

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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