

Converting Colors

$Y_{xy}(25.3098, 0.3006, 0.2596)$

Have a look what the booklet for
Yxy(25.3098, 0.3006, 0.2596)
contains.

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Color

Yxy(25.3098, 0.3006, 0.2596)

Conversions

Conversions Part 1

Format	Color
Hex	9F7EAD
RGB	159, 126, 173
RGB Percent	62%, 49%, 68%
CMY	0.3763, 0.5059, 0.3215
CMYK	0.08, 0.27, 0.00, 0.32
HSL	282°, 22%, 59%
HSV	282°, 27%, 68%
XYZ	29.3071, 25.3098, 42.8785
YIQ	141.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

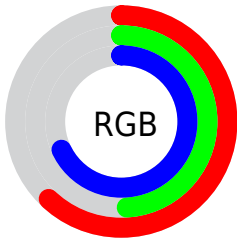
Format	Color
R _Y B	159, 126, 173
Decimal	10452653
CIE _{Lab}	57.38, 21.52, -20.09
CIE _{LCh}	57, 29.434, 316.968
Yxy	25.3098, 0.3006, 0.2596
Android (android.graphics.Color)	4288642733 (0xFF9F7EAD)
YUV	141.2250, 15.6651, 15.5887
Hunter-Lab	50.3088, 15.9436, -15.3170

Details

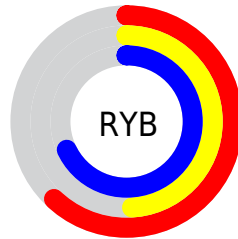
The Yxy color $25.3098, 0.3006, 0.2596$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $36.9676, 0.3215, 0.4027$, and the grayscale version is $26.6665, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1935, 0.3031, 0.2728$, and $9.8140, 0.2945, 0.2375$ is the 20% darker color. If you saturate the color by 10%, you get $20.7480, 0.2947, 0.2326$, and if you desaturate by 10%, it is $30.6607, 0.3057, 0.2862$.

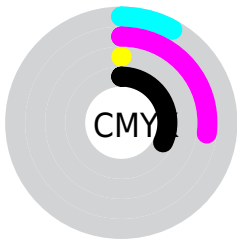
Distribution



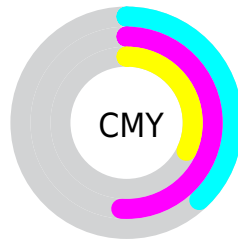
- Red (62%)
- Green (49%)
- Blue (68%)



- Red (62%)
- Yellow (49%)
- Blue (68%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)





- Cyan (38%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3098, 0.3006, 0.2596 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 25.3098, 0.3006, 0.2596 by changing the saturation by 10% instead.


 25.3098, 0.3006,
0.2596

 25.3098, 0.3006,
0.2596


279.3773, 0.3079,
0.2959


 16.3080, 0.2983,
0.2500


 52.1594, 0.3036,
0.2732

 9.7424, 0.2951,
0.2374


 70.7759, 0.3046,
0.2782

 5.2285, 0.2902,
0.2202


 93.3662, 0.3054,
0.2823

 2.3819, 0.2822,
0.1954

120.3146, 0.3061,
0.2859

 0.8166, 0.2671,
0.1569

152.0055, 0.3066,
0.2889

 0.0000, 0.1856,
0.0000

188.8234, 0.3071,

 0.0000, 0.0000,

0.2916

0.0000

231.1525, 0.3075,
0.2939

■ 25.3098, 0.3006,
0.2596

■ 25.3098, 0.3006,
0.2596

■ 20.7480, 0.2947,
0.2326

■ 30.6607, 0.3057,
0.2862

■ 16.9324, 0.2881,
0.2061

■ 36.8344, 0.3100,
0.3116

■ 13.8211, 0.2808,
0.1811

■ 43.8662, 0.3137,
0.3356

■ 11.3662, 0.2730,
0.1587

■ 51.7888, 0.3166,
0.3578

■ 9.5140, 0.2651,
0.1400

■ 60.6329, 0.3191,
0.3782

8.2022, 0.2571,
0.1258

70.4277, 0.3210,
0.3967

7.3379, 0.2494,
0.1160

81.2012, 0.3225,
0.4134

7.1256, 0.2473,
0.1136

86.8391, 0.3248,
0.4200

87.5597, 0.3281,
0.4190

Harmonies

Analogous

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



25.3098, 0.2563, 0.2488



25.3098, 0.3006, 0.2596



25.3098, 0.3521, 0.2855

Triad

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



25.3098, 0.3006, 0.2596



25.3098, 0.4022, 0.3976



25.3098, 0.2360, 0.3285

Complementary

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



25.3098, 0.3006, 0.2596



36.9676, 0.3215, 0.4027

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.



25.3098, 0.2706, 0.3786



25.3098, 0.3006, 0.2596



25.3098, 0.3666, 0.4190

Square

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



25.3098, 0.3006, 0.2596



25.3098, 0.4134, 0.3616



25.3098, 0.3182, 0.4136



25.3098, 0.2215, 0.2837

Rectangle

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



25.3098, 0.3006, 0.2596



25.3098, 0.3826, 0.3088



25.3098, 0.3182, 0.4136



25.3098, 0.2455, 0.3455

Sweetspot

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



25.3109, 0.3006, 0.2596



64.8324, 0.3097, 0.3092



26.2360, 0.2687, 0.2761



13.7205, 0.3091, 0.3056



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.3109, 0.3006, 0.2596



39.9392, 0.2969, 0.2423



26.4699, 0.3259, 0.2751



8.0268, 0.3092, 0.3063



5.2650, 0.2481, 0.1140



0.1730, 0.2711, 0.1267

Inverse Universe

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



25.6962, 0.3531, 0.3084



40.8273, 0.3663, 0.3033



36.0846, 0.3018, 0.3897



8.0531, 0.3241, 0.3223



6.7140, 0.5733, 0.2932



0.1965, 0.4874, 0.2459

Previews

White Background



This preview shows how the Yxy color 25.3098, 0.3006, 0.2596 looks on a white background.

Color Contrast Check

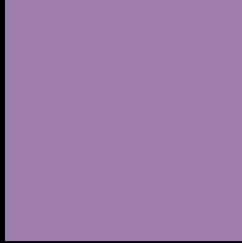
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3098, 0.3006, 0.2596 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 25.3098, 0.3006, 0.2596

Background



This preview shows how black text looks on a background with the Yxy color 25.3098, 0.3006, 0.2596.



This preview shows how white text looks on a background with the Yxy color 25.3098, 0.3006, 0.2596.

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

25.3098, 0.3006, 0.2596

Protanopia

25.3392, 0.2625, 0.2593

Deuteranopia

25.3366, 0.2772, 0.2717



Tritanopia

25.3255, 0.3272, 0.3132

Trichromacy



Original Color

25.3098, 0.3006, 0.2596

Protanomaly

25.0801, 0.2756, 0.2591

Deuteranomaly

25.3207, 0.2850, 0.2670

Tritanomaly

25.3331, 0.3178, 0.2934

Monochromacy



Original Color

25.3098, 0.3006, 0.2596

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2041, 0.3085, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3098, 0.3006, 0.2596 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(159, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(159, 126, 173)  
}
```

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(159, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 126, 173) }
```

Border

The CSS property to change the border of an element to Yxy 25.3098, 0.3006, 0.2596 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(159, 126, 173) }
```

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

```
.border{ border-color:rgb(159, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(159, 126,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3098, 0.3006, 0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 126, 173) }
```

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

```
.background{ background-color: rgb(159,  
126, 173) }
```

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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