

Converting Colors

$Y_{xy}(25.0673, 0.3132, 0.2609)$

Have a look what the booklet for
Yxy(25.0673, 0.3132, 0.2609)
contains.

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Color

Yxy(24.9991, 0.3136, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	A77AA9
RGB	167, 122, 169
RGB Percent	65%, 48%, 66%
CMY	0.3453, 0.5215, 0.3373
CMYK	0.01, 0.28, 0.00, 0.34
HSL	297°, 21%, 57%
HSV	297°, 28%, 66%
XYZ	30.0487, 24.9991, 40.7709
YIQ	140.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

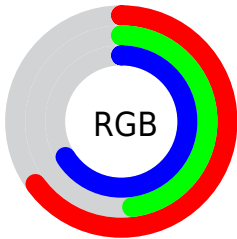
Format	Color
RYB	167, 122, 169
Decimal	10975913
CIELab	57.07, 25.64, -18.16
CIELCh	57, 31.422, 324.687
Yxy	24.9991, 0.3136, 0.2609
Android (android.graphics.Color)	4289165993 (0xFFA77AA9)
YUV	140.8130, 13.8962, 22.9660
Hunter-Lab	49.9991, 19.7775, -13.3476

Details

The Yxy color **24.9991, 0.3136, 0.2609** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.0665, 0.3108, 0.4069**, and the grayscale version is **26.4999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7297, 0.3144, 0.2747**, and **9.6268, 0.3119, 0.2396** is the 20% darker color. If you saturate the color by 10%, you get **21.1243, 0.3137, 0.2367**, and if you desaturate by 10%, it is **29.5981, 0.3134, 0.2857**.

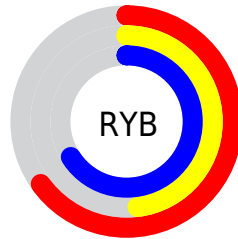
Distribution



Red (65%)

Green (48%)

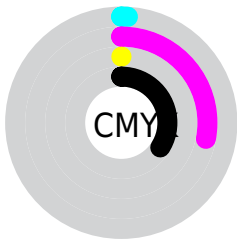
Blue (66%)



Red (65%)

Yellow (48%)

Blue (66%)

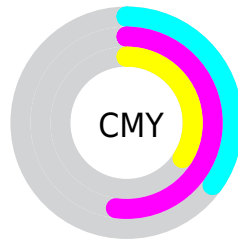


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (34%)



Cyan (35%)


Magenta (52%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9991, 0.3136, 0.2609 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 24.9991, 0.3136, 0.2609 by changing the saturation by 10% instead.


 24.9991, 0.3136,
0.2609


 24.9991, 0.3136,
0.2609


277.8335, 0.3138,
0.2966


 16.0764, 0.3133,
0.2515


 51.6558, 0.3139,
0.2742

 9.5782, 0.3126,
0.2391


 70.1585, 0.3139,
0.2791

 5.1202, 0.3114,
0.2222


 92.6234, 0.3139,
0.2832

 2.3180, 0.3087,
0.1977

119.4348, 0.3139,
0.2867

 0.7832, 0.3026,
0.1592

150.9771, 0.3139,
0.2897

 0.0000, 0.2575,
0.0000

187.6347, 0.3139,

 0.0000, 0.0000,

0.2923

0.0000

229.7920, 0.3139,
0.2945

■ 24.9991, 0.3136,
0.2609

■ 24.9991, 0.3136,
0.2609

■ 21.1243, 0.3137,
0.2367

■ 29.5981, 0.3134,
0.2857

■ 17.9332, 0.3136,
0.2139

■ 34.9528, 0.3130,
0.3103

■ 15.3862, 0.3133,
0.1936

■ 41.0966, 0.3126,
0.3342

■ 13.4381, 0.3129,
0.1765

■ 48.0601, 0.3121,
0.3568

■ 12.0383, 0.3122,
0.1634

■ 55.8722, 0.3116,
0.3780

■ 11.1275, 0.3114,
0.1544

■ 64.5603, 0.3111,
0.3975

■ 10.6088, 0.3104,
0.1492

■ 74.1508, 0.3106,
0.4154

■ 10.5108, 0.3102,
0.1482

■ 83.2464, 0.3102,
0.4296

■ 83.3300, 0.3106,
0.4294

Harmonies

Analogous

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



24.9991, 0.2631, 0.2449



24.9991, 0.3136, 0.2609



24.9991, 0.3683, 0.2916

Triad

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



24.9991, 0.3136, 0.2609



24.9991, 0.4005, 0.4099



24.9991, 0.2247, 0.3144

Complementary

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



24.9991, 0.3136, 0.2609



34.0665, 0.3108, 0.4069

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.



24.9991, 0.2563, 0.3691



24.9991, 0.3136, 0.2609



24.9991, 0.3575, 0.4273

Square

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



24.9991, 0.3136, 0.2609



24.9991, 0.4204, 0.3739



24.9991, 0.3045, 0.4133



24.9991, 0.2153, 0.2708

Rectangle

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



24.9991, 0.3136, 0.2609



24.9991, 0.3980, 0.3177



24.9991, 0.3045, 0.4133



24.9991, 0.2329, 0.3323

Sweetspot

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



25.0002, 0.3136, 0.2609



62.2458, 0.3131, 0.3095



21.5131, 0.2658, 0.2547



13.2446, 0.3131, 0.3059



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.



25.0002, 0.3136, 0.2609



40.6005, 0.3137, 0.2467



24.4928, 0.3398, 0.2905



7.6498, 0.3131, 0.3067



7.8412, 0.3103, 0.1483



0.1956, 0.3140, 0.1504

Inverse Universe

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



23.8160, 0.3691, 0.3260



38.1567, 0.3858, 0.3254



34.4986, 0.2924, 0.3711



7.5474, 0.3279, 0.3281



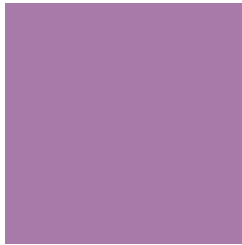
6.3006, 0.6341, 0.3267



0.1549, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 24.9991, 0.3136, 0.2609 looks on a white background.

Color Contrast Check

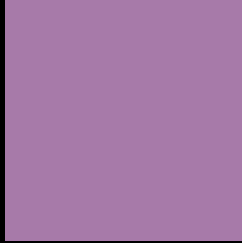
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9991, 0.3136, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

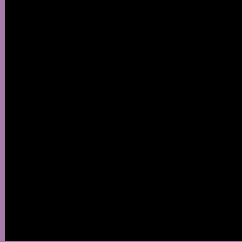
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9991, 0.3136, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 24.9991, 0.3136, 0.2609.



This preview shows how white text looks on a background with the Yxy color 24.9991, 0.3136, 0.2609.

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

24.9991, 0.3136, 0.2609

Protanopia

25.2986, 0.2633, 0.2607

Deuteranopia

25.0745, 0.2826, 0.2762



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

24.9991, 0.3136, 0.2609

Protanomaly

24.9905, 0.2802, 0.2609

Deuteranomaly

24.9955, 0.2927, 0.2702

Tritanomaly

24.9841, 0.3319, 0.2941

Monochromacy



Original Color

24.9991, 0.3136, 0.2609

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7686, 0.3129, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9991, 0.3136, 0.2609 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(167, 122, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 169)  
}
```

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(167, 122, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.9991, 0.3136, 0.2609 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(167, 122, 169) }
```

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

```
.border{ border-color:rgb(167, 122, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 122, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 122, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 122, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 122,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9991, 0.3136, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 169) }
```

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

```
.background{ background-color: rgb(167,  
122, 169) }
```

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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