

Converting Colors

$Y_{xy}(25.5653, 0.3250, 0.2759)$

Have a look what the booklet for
Yxy(25.5653, 0.3250, 0.2759)
contains.

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Color

Yxy(25.4235, 0.3245, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	A97CA1
RGB	169, 124, 161
RGB Percent	66%, 49%, 63%
CMY	0.3371, 0.5138, 0.3686
CMYK	0.00, 0.27, 0.05, 0.34
HSL	311°, 21%, 57%
HSV	311°, 27%, 66%
XYZ	30.0106, 25.4235, 37.0486
YIQ	141.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

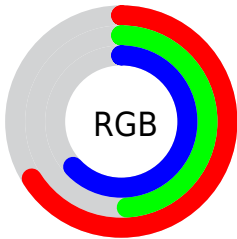
Format	Color
R_{YB}	169, 124, 161
Decimal	11107489
CIE _{Lab}	57.49, 23.72, -12.93
CIE _{LCh}	57, 27.017, 331.415
Yxy	25.4235, 0.3245, 0.2749
Android (android.graphics.Color)	4289297569 (0xFFA97CA1)
YUV	141.6730, 9.5282, 23.9658
Hunter-Lab	50.4217, 18.0039, -8.2696

Details

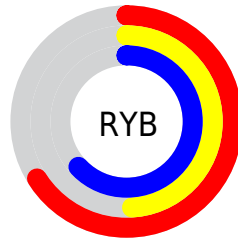
The Yxy color **25.4235, 0.3245, 0.2749** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.3430, 0.3028, 0.3899**, and the grayscale version is **26.8731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4097, 0.3224, 0.2855**, and **9.7147, 0.3282, 0.2569** is the 20% darker color. If you saturate the color by 10%, you get **21.4403, 0.3300, 0.2544**, and if you desaturate by 10%, it is **30.1378, 0.3196, 0.2956**.

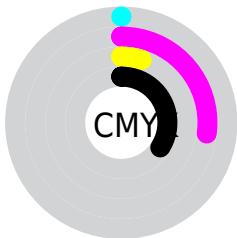
Distribution



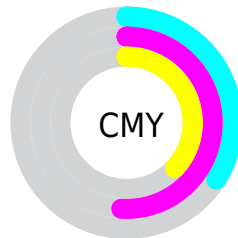
- Red (66%)
- Green (49%)
- Blue (63%)



- Red (66%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4235, 0.3245, 0.2749 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 25.4235, 0.3245, 0.2749 by changing the saturation by 10% instead.


 25.4235, 0.3245,
0.2749


 25.4235, 0.3245,
0.2749


279.9405, 0.3186,
0.3035


 16.3929, 0.3260,
0.2673


 52.3434, 0.3223,
0.2856

 9.8026, 0.3279,
0.2571


 71.0015, 0.3215,
0.2896

 5.2683, 0.3304,
0.2431


 93.6375, 0.3208,
0.2928

 2.4055, 0.3337,
0.2224

120.6359, 0.3202,
0.2956

 0.8287, 0.3382,
0.1889

152.3810, 0.3197,
0.2980

 0.0000, 0.3437,
0.0000

189.2572, 0.3193,

 0.0000, 0.0000,

0.3001

0.0000

231.6489, 0.3189,
0.3019

■ 25.4235, 0.3245,
0.2749

■ 25.4235, 0.3245,
0.2749

■ 21.4403, 0.3300,
0.2544

■ 30.1378, 0.3196,
0.2956

■ 18.1477, 0.3361,
0.2349

■ 35.6143, 0.3153,
0.3159

■ 15.5066, 0.3425,
0.2174

■ 41.8862, 0.3115,
0.3354

■ 13.4724, 0.3493,
0.2026

■ 48.9840, 0.3083,
0.3538

■ 11.9950, 0.3562,
0.1916

■ 56.9364, 0.3056,
0.3710

■ 11.0163, 0.3629,
0.1849

■ 65.7709, 0.3033,
0.3869

■ 10.4536, 0.3693,
0.1825

■ 75.5135, 0.3013,
0.4015

■ 10.3014, 0.3715,
0.1820

■ 83.4680, 0.2997,
0.4107

■ 83.5967, 0.2981,
0.4070

Harmonies

Analogous

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



25.4235, 0.2790, 0.2577



25.4235, 0.3245, 0.2749



25.4235, 0.3697, 0.3043

Triad

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



25.4235, 0.3245, 0.2749



25.4235, 0.3816, 0.4041



25.4235, 0.2330, 0.3076

Complementary

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



25.4235, 0.3245, 0.2749



34.3430, 0.3028, 0.3899

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.



25.4235, 0.2567, 0.3529



25.4235, 0.3245, 0.2749



25.4235, 0.3419, 0.4123

Square

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



25.4235, 0.3245, 0.2749



25.4235, 0.4034, 0.3765



25.4235, 0.2962, 0.3936



25.4235, 0.2291, 0.2732

Rectangle

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



25.4235, 0.3245, 0.2749



25.4235, 0.3920, 0.3280



25.4235, 0.2962, 0.3936



25.4235, 0.2388, 0.3221

Sweetspot

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



25.4246, 0.3245, 0.2749



62.2001, 0.3159, 0.3129



22.1420, 0.2751, 0.2559



13.2329, 0.3165, 0.3100



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.



25.4246, 0.3245, 0.2749



41.1355, 0.3277, 0.2627



24.7152, 0.3501, 0.3064



7.6433, 0.3163, 0.3106



7.6801, 0.3709, 0.1817



0.1927, 0.3518, 0.1712

Inverse Universe

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



25.4246, 0.3245, 0.2749



41.1355, 0.3277, 0.2627



35.0105, 0.2857, 0.3529



7.6433, 0.3163, 0.3106



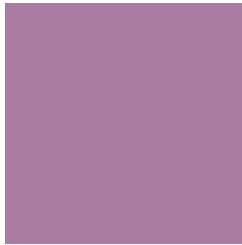
7.6801, 0.3709, 0.1817



0.1927, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 25.4235, 0.3245, 0.2749 looks on a white background.

Color Contrast Check

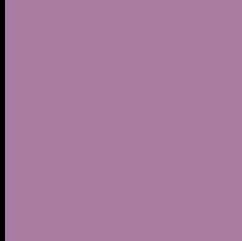
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4235, 0.3245, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

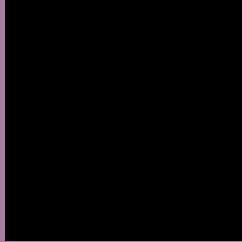
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4235, 0.3245, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 25.4235, 0.3245, 0.2749.



This preview shows how white text looks on a background with the Yxy color 25.4235, 0.3245, 0.2749.

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

25.4235, 0.3245, 0.2749

Protanopia

25.6189, 0.2754, 0.2760

Deuteranopia

25.5819, 0.2963, 0.2906



Tritanopia

25.3803, 0.3466, 0.3138

Trichromacy



Original Color

25.4235, 0.3245, 0.2749

Protanomaly

25.3123, 0.2917, 0.2744

Deuteranomaly

25.4461, 0.3060, 0.2841

Tritanomaly

25.4696, 0.3387, 0.3004

Monochromacy



Original Color

25.4235, 0.3245, 0.2749

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1733, 0.3171, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4235, 0.3245, 0.2749 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(169, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(169, 124, 161)  
}
```

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(169, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 124, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.4235, 0.3245, 0.2749 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(169, 124, 161) }
```

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

```
.border{ border-color:rgb(169, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(169, 124,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4235, 0.3245, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 124, 161) }
```

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

```
.background{ background-color: rgb(169,  
124, 161) }
```

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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