

Converting Colors

$Y_{xy}(25.6596, 0.2945, 0.2347)$

Have a look what the booklet for
Yxy(25.6596, 0.2945, 0.2347)
contains.

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Color

Yxy(25.6737, 0.2945, 0.2350)

Conversions

Conversions Part 1

Format	Color
Hex	A879BD
RGB	168, 121, 189
RGB Percent	66%, 47%, 74%
CMY	0.3411, 0.5255, 0.2588
CMYK	0.11, 0.36, 0.00, 0.26
HSL	281°, 34%, 61%
HSV	281°, 36%, 74%
XYZ	32.1741, 25.6737, 51.4020
YIQ	142.8050, 6.1840, 31.1120

Conversions

Conversions Part 2

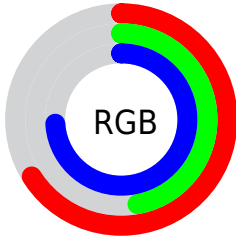
Format	Color
RYB	168, 121, 189
Decimal	11041213
CIELab	57.73, 30.68, -28.62
CIElCh	58, 41.954, 316.995
Yxy	25.6737, 0.2945, 0.2350
Android (android.graphics.Color)	4289231293 (0xFFA879BD)
YUV	142.8050, 22.7741, 22.0960
Hunter-Lab	50.6692, 24.6732, -24.6790

Details

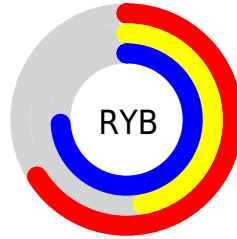
The Yxy color **25.6737, 0.2945, 0.2350** is a light color, and the websafe version is hex **996699**. A complement of this color would be **43.5226, 0.3245, 0.4306**, and the grayscale version is **27.2931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7120, 0.2993, 0.2530**, and **9.9006, 0.2871, 0.2075** is the 20% darker color. If you saturate the color by 10%, you get **20.8970, 0.2876, 0.2081**, and if you desaturate by 10%, it is **31.3811, 0.3006, 0.2623**.

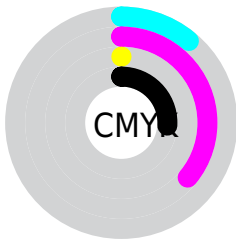
Distribution



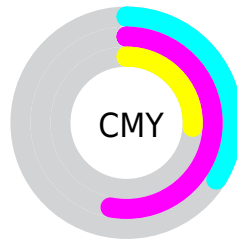
- Red (66%)
- Green (47%)
- Blue (74%)



- Red (66%)
- Yellow (47%)
- Blue (74%)



- Cyan (11%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)





- Cyan (34%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6737, 0.2945, 0.2350 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 25.6737, 0.2945, 0.2350 by changing the saturation by 10% instead.


 25.6737, 0.2945,
0.2350


 25.6737, 0.2945,
0.2350


281.1766, 0.3055,
0.2829


 16.5797, 0.2911,
0.2229


 52.7481, 0.2990,
0.2526

 9.9353, 0.2863,
0.2074


 71.4972, 0.3005,
0.2591

 5.3561, 0.2791,
0.1868


 94.2336, 0.3018,
0.2646

 2.4577, 0.2677,
0.1586

121.3415, 0.3028,
0.2694

 0.8553, 0.2476,
0.1185

153.2053, 0.3036,
0.2734

 0.0000, 0.2076,
0.0000

190.2095, 0.3044,

 0.0000, 0.0000,

0.2770

0.0000

232.7385, 0.3050,
0.2801

■ 25.6737, 0.2945,
0.2350

■ 25.6737, 0.2945,
0.2350

■ 20.8970, 0.2876,
0.2081

■ 31.3811, 0.3006,
0.2623

■ 16.9946, 0.2800,
0.1825

■ 38.0647, 0.3059,
0.2890

■ 13.9090, 0.2719,
0.1595


■ 45.7712, 0.3104,
0.3145

■ 11.5740, 0.2636,
0.1402


■ 54.5429, 0.3141,
0.3384

■ 9.9131, 0.2553,
0.1253


■ 64.4200, 0.3172,
0.3605

 8.8291, 0.2473,
0.1152

 75.4404, 0.3197,
0.3807

 8.4755, 0.2441,
0.1118

 87.6403, 0.3217,
0.3990

 89.5895, 0.3252,
0.3999

 90.4861, 0.3290,
0.3990

Harmonies

Analogous

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



25.6737, 0.2343, 0.2201



25.6737, 0.2945, 0.2350



25.6737, 0.3677, 0.2691

Triad

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



25.6737, 0.2945, 0.2350



25.6737, 0.4364, 0.4206



25.6737, 0.2066, 0.3258

Complementary

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



25.6737, 0.2945, 0.2350



43.5226, 0.3245, 0.4306

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.



25.6737, 0.2523, 0.4012



25.6737, 0.2945, 0.2350



25.6737, 0.3850, 0.4559

Square

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



25.6737, 0.2945, 0.2350



25.6737, 0.4549, 0.3695



25.6737, 0.3175, 0.4530



25.6737, 0.1885, 0.2632

Rectangle

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



25.6737, 0.2945, 0.2350



25.6737, 0.4120, 0.2996



25.6737, 0.3175, 0.4530



25.6737, 0.2189, 0.3510

Sweetspot

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



25.6748, 0.2945, 0.2350



74.5744, 0.3082, 0.3014



27.2424, 0.2529, 0.2569



15.6401, 0.3075, 0.2979



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.6748, 0.2945, 0.2350



39.2475, 0.2892, 0.2142



27.6476, 0.3302, 0.2556



9.5446, 0.3090, 0.3060



5.7445, 0.2451, 0.1124



0.2580, 0.2639, 0.1227

Inverse Universe

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



26.4441, 0.3712, 0.3001



40.9761, 0.3898, 0.2940



42.1649, 0.2993, 0.4158



9.5835, 0.3241, 0.3219



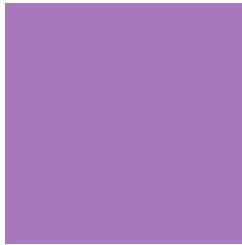
7.4990, 0.5703, 0.2915



0.3058, 0.5003, 0.2530

Previews

White Background



This preview shows how the Yxy color 25.6737, 0.2945, 0.2350 looks on a white background.

Color Contrast Check

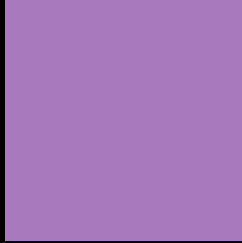
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6737, 0.2945, 0.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

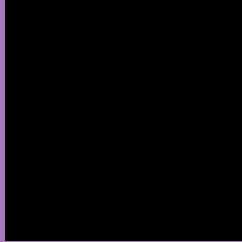
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6737, 0.2945, 0.2350

Background



This preview shows how black text looks on a background with the Yxy color 25.6737, 0.2945, 0.2350.



This preview shows how white text looks on a background with the Yxy color 25.6737, 0.2945, 0.2350.

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

25.6737, 0.2945, 0.2350

Protanopia

25.9599, 0.2412, 0.2323

Deuteranopia

25.8721, 0.2581, 0.2528



Tritanopia

25.7328, 0.3366, 0.3136

Trichromacy



Original Color

25.6737, 0.2945, 0.2350

Protanomaly

25.4981, 0.2575, 0.2316

Deuteranomaly

25.4832, 0.2699, 0.2450

Tritanomaly

25.5399, 0.3217, 0.2827

Monochromacy



Original Color

25.6737, 0.2945, 0.2350

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5414, 0.3059, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6737, 0.2945, 0.2350 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(168, 121, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 189)  
}
```

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(168, 121, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 189) }
```

Border

The CSS property to change the border of an element to Yxy 25.6737, 0.2945, 0.2350 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(168, 121, 189) }
```

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

```
.border{ border-color:rgb(168, 121, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 121, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6737, 0.2945, 0.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 189) }
```

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

```
.background{ background-color: rgb(168,  
121, 189) }
```

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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