

Converting Colors

$Y_{xy}(26.0588, 0.2927, 0.2359)$

Have a look what the booklet for
Yxy(26.0588, 0.2927, 0.2359)
contains.

Yxy(26.0991, 0.2925, 0.2363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0991, 0.2925, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	A77BBE
RGB	167, 123, 190
RGB Percent	65%, 48%, 75%
CMY	0.3452, 0.5176, 0.2549
CMYK	0.12, 0.35, 0.00, 0.25
HSL	279°, 34%, 61%
HSV	279°, 35%, 75%
XYZ	32.3063, 26.0991, 52.0436
YIQ	143.7940, 4.7170, 30.1650

Conversions

Conversions Part 2

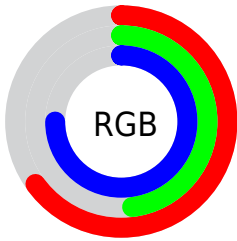
Format	Color
R _Y B	167, 123, 190
Decimal	10976190
CIE _{Lab}	58.13, 29.41, -28.56
CIE _{LCh}	58, 40.998, 315.839
Y _{xy}	26.0991, 0.2925, 0.2363
Android (android.graphics.Color)	4289166270 (0xFFA77BBE)
YUV	143.7940, 22.7796, 20.3517
Hunter-Lab	51.0873, 23.4763, -24.6387

Details

The Yxy color **26.0991, 0.2925, 0.2363** is a light color, and the websafe version is hex **996699**. A complement of this color would be **44.3685, 0.3263, 0.4277**, and the grayscale version is **27.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4540, 0.2971, 0.2531**, and **10.1201, 0.2844, 0.2091** is the 20% darker color. If you saturate the color by 10%, you get **21.1406, 0.2848, 0.2088**, and if you desaturate by 10%, it is **32.0105, 0.2994, 0.2639**.

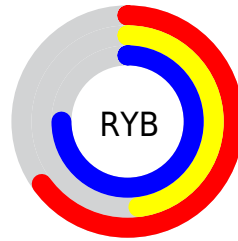
Distribution



Red (65%)

Green (48%)

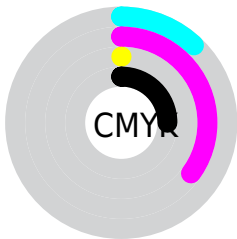
Blue (75%)



Red (65%)

Yellow (48%)

Blue (75%)

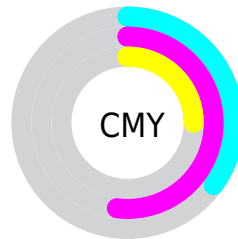


Cyan (12%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (52%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0991, 0.2925, 0.2363 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 26.0991, 0.2925, 0.2363 by changing the saturation by 10% instead.


 26.0991, 0.2925,
0.2363


 26.0991, 0.2925,
0.2363

283.2682, 0.3045,
0.2835


 16.8978, 0.2888,
0.2244


 53.4348, 0.2973,
0.2536

 10.1616, 0.2838,
0.2091

 72.3379, 0.2990,
0.2601

 5.5063, 0.2763,
0.1888


 95.2438, 0.3004,
0.2655

 2.5473, 0.2644,
0.1610

122.5369, 0.3015,
0.2702

 0.9002, 0.2438,
0.1215

154.6014, 0.3024,
0.2742

 0.0000, 0.2053,
0.0000

191.8219, 0.3032,

 0.0000, 0.0000,

0.2777

0.0000

234.5827, 0.3039,
0.2808

■ 26.0991, 0.2925,
0.2363

■ 26.0991, 0.2925,
0.2363

■ 21.1406, 0.2848,
0.2088

■ 32.0105, 0.2994,
0.2639

■ 17.0780, 0.2763,
0.1825

■ 38.9209, 0.3053,
0.2908

■ 13.8534, 0.2672,
0.1586

■ 46.8773, 0.3104,
0.3163

■ 11.4002, 0.2579,
0.1383

■ 55.9225, 0.3146,
0.3401

■ 9.6418, 0.2487,
0.1224

■ 66.0973, 0.3181,
0.3620

■ 8.4841, 0.2398,
0.1114

■ 77.4400, 0.3210,
0.3820

■ 8.0516, 0.2358,
0.1072

■ 89.3376, 0.3234,
0.3990

■ 90.3325, 0.3276,
0.3981

■ 91.3671, 0.3319,
0.3972

Harmonies

Analogous

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



26.0991, 0.2345, 0.2225



26.0991, 0.2925, 0.2363



26.0991, 0.3635, 0.2690

Triad

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



26.0991, 0.2925, 0.2363



26.0991, 0.4347, 0.4169



26.0991, 0.2105, 0.3289

Complementary

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



26.0991, 0.2925, 0.2363



44.3685, 0.3263, 0.4277

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.



26.0991, 0.2562, 0.4016



26.0991, 0.2925, 0.2363



26.0991, 0.3858, 0.4517

Square

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



26.0991, 0.2925, 0.2363



26.0991, 0.4508, 0.3669



26.0991, 0.3203, 0.4502



26.0991, 0.1917, 0.2671

Rectangle

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



26.0991, 0.2925, 0.2363



26.0991, 0.4070, 0.2986



26.0991, 0.3203, 0.4502



26.0991, 0.2230, 0.3534

Sweetspot

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



26.1002, 0.2925, 0.2363



76.1738, 0.3075, 0.3013



28.6301, 0.2547, 0.2621



16.3019, 0.3068, 0.2978



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.1002, 0.2925, 0.2363



40.4629, 0.2868, 0.2158



28.4104, 0.3273, 0.2544



9.5276, 0.3084, 0.3060



5.3993, 0.2368, 0.1078



0.2464, 0.2575, 0.1192

Inverse Universe

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



27.1943, 0.3666, 0.2975



42.8843, 0.3834, 0.2908



42.7303, 0.3010, 0.4173



9.5891, 0.3236, 0.3211



7.5490, 0.5571, 0.2843



0.3082, 0.4892, 0.2468

Previews

White Background



This preview shows how the Yxy color 26.0991, 0.2925, 0.2363 looks on a white background.

Color Contrast Check

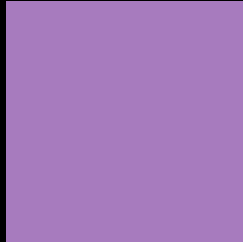
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0991, 0.2925, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

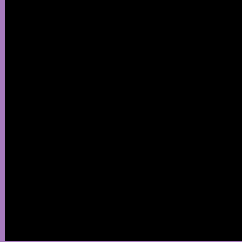
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0991, 0.2925, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 26.0991, 0.2925, 0.2363.



This preview shows how white text looks on a background with the Yxy color 26.0991, 0.2925, 0.2363.

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

26.0991, 0.2925, 0.2363

Protanopia

26.3632, 0.2416, 0.2328

Deuteranopia

26.2768, 0.2584, 0.2532



Tritanopia

26.2318, 0.3328, 0.3136

Trichromacy



Original Color

26.0991, 0.2925, 0.2363

Protanomaly

26.0865, 0.2571, 0.2334

Deuteranomaly

26.1567, 0.2703, 0.2470

Tritanomaly

26.0251, 0.3183, 0.2827

Monochromacy



Original Color

26.0991, 0.2925, 0.2363

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8569, 0.3048, 0.2905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0991, 0.2925, 0.2363 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, 123, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 123, 190)  
}
```

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, 123, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 123, 190) }
```

Border

The CSS property to change the border of an element to Yxy 26.0991, 0.2925, 0.2363 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, 123, 190) }
```

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

```
.border{ border-color:rgb(167, 123, 190) }
```

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

Here you see how a box with a 4 pixel rgb(167, 123, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 123, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 123, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 123,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0991, 0.2925, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 123, 190) }
```

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

```
.background{ background-color: rgb(167,  
123, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor