

Converting Colors

$Y_{xy}(26.5014, 0.2885, 0.2326)$

Have a look what the booklet for
Yxy(26.5014, 0.2885, 0.2326)
contains.

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Color

Yxy(26.5258, 0.2889, 0.2330)

Conversions

Conversions Part 1

Format	Color
Hex	A77CC2
RGB	167, 124, 194
RGB Percent	65%, 49%, 76%
CMY	0.3449, 0.5138, 0.2392
CMYK	0.14, 0.36, 0.00, 0.24
HSL	277°, 36%, 62%
HSV	277°, 36%, 76%
XYZ	32.8897, 26.5258, 54.4291
YIQ	144.8370, 3.1580, 30.8860

Conversions

Conversions Part 2

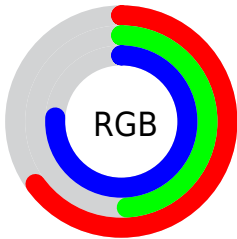
Format	Color
R _Y B	167, 124, 194
Decimal	10976450
CIE Lab	58.53, 29.77, -30.22
CIE LCh	59, 42.421, 314.565
Yxy	26.5258, 0.2889, 0.2330
Android (android.graphics.Color)	4289166530 (0xFFA77CC2)
YUV	144.8370, 24.2374, 19.4370
Hunter-Lab	51.5032, 23.8587, -26.6060

Details

The Yxy color **26.5258, 0.2889, 0.2330** is a light color, and the websafe version is hex **996699**. A complement of this color would be **46.6148, 0.3289, 0.4297**, and the grayscale version is **28.1463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0973, 0.2943, 0.2504**, and **10.3684, 0.2793, 0.2051** is the 20% darker color. If you saturate the color by 10%, you get **21.3438, 0.2800, 0.2050**, and if you desaturate by 10%, it is **32.7135, 0.2968, 0.2611**.

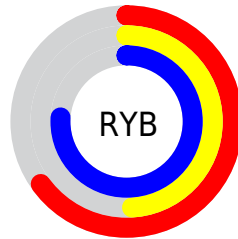
Distribution



Red (65%)

Green (49%)

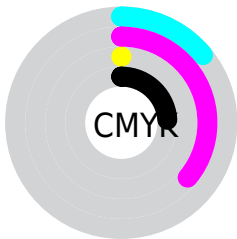
Blue (76%)



Red (65%)

Yellow (49%)

Blue (76%)

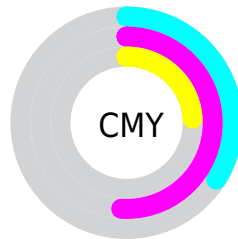


Cyan (14%)

Magenta (36%)

Yellow (0%)

Black (24%)



Cyan (34%)


Magenta (51%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5258, 0.2889, 0.2330 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 26.5258, 0.2889, 0.2330 by changing the saturation by 10% instead.


 26.5258, 0.2889,
0.2330


 26.5258, 0.2889,
0.2330


285.3537, 0.3028,
0.2817


 17.2174, 0.2847,
0.2208


 54.1220, 0.2945,
0.2507

 10.3896, 0.2790,
0.2053


 73.1786, 0.2964,
0.2574

 5.6580, 0.2707,
0.1848


 96.2533, 0.2980,
0.2630

 2.6383, 0.2577,
0.1569

123.7307, 0.2993,
0.2678

 0.9459, 0.2357,
0.1178

155.9950, 0.3004,
0.2720

 0.0000, 0.1993,
0.0000

193.4307, 0.3013,

 0.0000, 0.0000,

0.2756

0.0000

236.4221, 0.3021,
0.2788

■ 26.5258, 0.2889,
0.2330

■ 26.5258, 0.2889,
0.2330

■ 21.3438, 0.2800,
0.2050

■ 32.7135, 0.2968,
0.2611

■ 17.1070, 0.2704,
0.1781

■ 39.9561, 0.3037,
0.2883

■ 13.7535, 0.2602,
0.1537


■ 48.3035, 0.3096,
0.3141


■ 11.2123, 0.2498,
0.1329


■ 57.8015, 0.3145,
0.3381


■ 9.4010, 0.2395,
0.1167


■ 68.4931, 0.3187,
0.3602

 8.2149, 0.2299,
0.1056

 80.4191, 0.3221,
0.3802

 7.8402, 0.2262,
0.1020

 90.5265, 0.3254,
0.3937

 91.7133, 0.3302,
0.3928

 92.9528, 0.3351,
0.3918

Harmonies

Analogous

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



26.5258, 0.2304, 0.2198



26.5258, 0.2889, 0.2330



26.5258, 0.3618, 0.2657

Triad

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



26.5258, 0.2889, 0.2330



26.5258, 0.4394, 0.4168



26.5258, 0.2093, 0.3318

Complementary

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



26.5258, 0.2889, 0.2330



46.6148, 0.3289, 0.4297

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.



26.5258, 0.2570, 0.4068



26.5258, 0.2889, 0.2330



26.5258, 0.3901, 0.4541

Square

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



26.5258, 0.2889, 0.2330



26.5258, 0.4545, 0.3651



26.5258, 0.3231, 0.4551



26.5258, 0.1889, 0.2673

Rectangle

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



26.5258, 0.2889, 0.2330



26.5258, 0.4072, 0.2956



26.5258, 0.3231, 0.4551



26.5258, 0.2223, 0.3572

Sweetspot

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



26.5269, 0.2889, 0.2330



79.5695, 0.3067, 0.3012



30.6328, 0.2539, 0.2656



16.9715, 0.3059, 0.2976



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.5269, 0.2889, 0.2330



40.7710, 0.2823, 0.2117



29.4689, 0.3241, 0.2485



10.0477, 0.3078, 0.3059



5.2026, 0.2274, 0.1027



0.2635, 0.2484, 0.1142

Inverse Universe

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



28.1132, 0.3650, 0.2929



44.2265, 0.3812, 0.2853



44.5086, 0.3031, 0.4255



10.1406, 0.3230, 0.3202



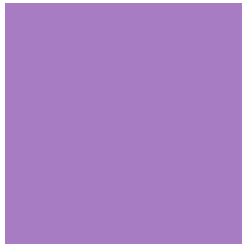
7.8868, 0.5413, 0.2756



0.3543, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 26.5258, 0.2889, 0.2330 looks on a white background.

Color Contrast Check

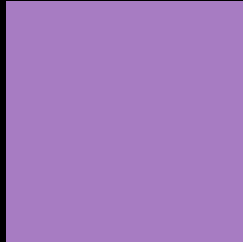
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5258, 0.2889, 0.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

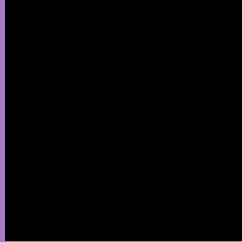
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5258, 0.2889, 0.2330

Background



This preview shows how black text looks on a background with the Yxy color 26.5258, 0.2889, 0.2330.



This preview shows how white text looks on a background with the Yxy color 26.5258, 0.2889, 0.2330.

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

26.5258, 0.2889, 0.2330

Protanopia

26.8434, 0.2393, 0.2296

Deuteranopia

26.6624, 0.2548, 0.2494



Tritanopia

26.4655, 0.3293, 0.3120

Trichromacy



Original Color

26.5258, 0.2889, 0.2330

Protanomaly

26.5487, 0.2544, 0.2302

Deuteranomaly

26.5187, 0.2663, 0.2433

Tritanomaly

26.2910, 0.3139, 0.2798

Monochromacy



Original Color

26.5258, 0.2889, 0.2330

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3080, 0.3039, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5258, 0.2889, 0.2330 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, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 194)  
}
```

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, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 194) }
```

Border

The CSS property to change the border of an element to Yxy 26.5258, 0.2889, 0.2330 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, 124, 194) }
```

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

```
.border{ border-color:rgb(167, 124, 194) }
```

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

Here you see how a box with a 4 pixel rgb(167, 124, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5258, 0.2889, 0.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 194) }
```

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

```
.background{ background-color: rgb(167,  
124, 194) }
```

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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