

Converting Colors

$Y_{xy}(30.0673, 0.2962, 0.2620)$

Have a look what the booklet for
Yxy(30.0673, 0.2962, 0.2620)
contains.

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Color

Yxy(29.9376, 0.2966, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	A78ABA
RGB	167, 138, 186
RGB Percent	65%, 54%, 73%
CMY	0.3450, 0.4588, 0.2707
CMYK	0.10, 0.26, 0.00, 0.27
HSL	276°, 26%, 64%
HSV	276°, 26%, 73%
XYZ	33.8912, 29.9376, 50.4369
YIQ	152.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

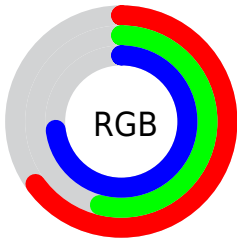
Format	Color
R _Y B	167, 138, 186
Decimal	10980026
CIE Lab	61.60, 20.07, -20.95
CIE LCh	62, 29.017, 313.769
Yxy	29.9376, 0.2966, 0.2620
Android (android.graphics.Color)	4289170106 (0xFFA78ABA)
YUV	152.1430, 16.6915, 13.0296
Hunter-Lab	54.7153, 14.8130, -16.3532

Details

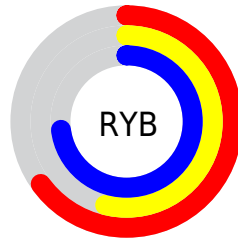
The Yxy color **29.9376, 0.2966, 0.2620** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1081, 0.3252, 0.3981**, and the grayscale version is **31.3919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7981, 0.3007, 0.2753**, and **12.2503, 0.2892, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **24.2741, 0.2885, 0.2339**, and if you desaturate by 10%, it is **36.5628, 0.3036, 0.2892**.

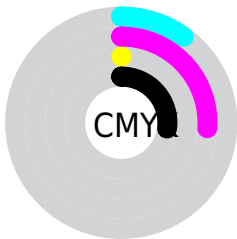
Distribution



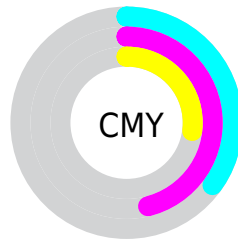
- Red (65%)
- Green (54%)
- Blue (73%)



- Red (65%)
- Yellow (54%)
- Blue (73%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)





- Cyan (35%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9376, 0.2966, 0.2620 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 29.9376, 0.2966, 0.2620 by changing the saturation by 10% instead.


 29.9376, 0.2966,
0.2620


 29.9376, 0.2966,
0.2620


301.6135, 0.3057,
0.2963


 19.7912, 0.2940,
0.2532


 59.5635, 0.3002,
0.2746

 12.2434, 0.2903,
0.2419


 79.8118, 0.3015,
0.2793

 6.9097, 0.2851,
0.2267


 104.1962, 0.3025,
0.2833

 3.4057, 0.2769,
0.2053

133.1011, 0.3034,
0.2866

 1.3470, 0.2629,
0.1733

166.9109, 0.3041,
0.2895

 0.1772, 0.2463,
0.0663

206.0099, 0.3047,

 0.0000, 0.0000,

0.2921

0.0000

250.7827, 0.3053,
0.2943

■ 29.9376, 0.2966,
0.2620

■ 29.9376, 0.2966,
0.2620

■ 24.2741, 0.2885,
0.2339

■ 36.5628, 0.3036,
0.2892

■ 19.5213, 0.2795,
0.2058

■ 44.1900, 0.3097,
0.3149

■ 15.6289, 0.2696,
0.1788

■ 52.8615, 0.3147,
0.3388

■ 12.5404, 0.2592,
0.1541

■ 62.6162, 0.3190,
0.3607

■ 10.1920, 0.2486,
0.1330

■ 73.4910, 0.3225,
0.3806

8.5099, 0.2381,
0.1164

85.5210, 0.3253,
0.3985

7.4012, 0.2283,
0.1049

90.0382, 0.3294,
0.4026

7.0248, 0.2243,
0.1009

91.1988, 0.3342,
0.4015

92.4102, 0.3391,
0.4003

Harmonies

Analogous

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



29.9376, 0.2563, 0.2536



29.9376, 0.2966, 0.2620



29.9376, 0.3445, 0.2851

Triad

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



29.9376, 0.2966, 0.2620



29.9376, 0.3987, 0.3904



29.9376, 0.2436, 0.3338

Complementary

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



29.9376, 0.2966, 0.2620



44.1081, 0.3252, 0.3981

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.



29.9376, 0.2779, 0.3795



29.9376, 0.2966, 0.2620



29.9376, 0.3677, 0.4118

Square

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



29.9376, 0.2966, 0.2620



29.9376, 0.4060, 0.3560



29.9376, 0.3232, 0.4094



29.9376, 0.2276, 0.2908

Rectangle

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



29.9376, 0.2966, 0.2620



29.9376, 0.3738, 0.3065



29.9376, 0.3232, 0.4094



29.9376, 0.2532, 0.3496

Sweetspot

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



29.9389, 0.2966, 0.2620



76.7254, 0.3083, 0.3091



33.1255, 0.2716, 0.2862



16.4228, 0.3075, 0.3052



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.



29.9389, 0.2966, 0.2620



48.2048, 0.2921, 0.2460



31.9561, 0.3204, 0.2716



8.9810, 0.3076, 0.3060



4.7714, 0.2255, 0.1016



0.2030, 0.2503, 0.1152

Inverse Universe

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



31.0447, 0.3456, 0.3030



50.6373, 0.3554, 0.2969



42.4905, 0.3058, 0.3940



9.0694, 0.3228, 0.3200



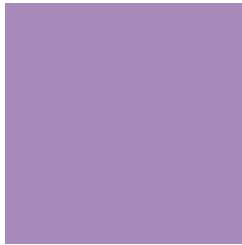
7.3646, 0.5367, 0.2730



0.2719, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 29.9376, 0.2966, 0.2620 looks on a white background.

Color Contrast Check

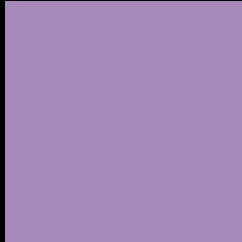
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9376, 0.2966, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

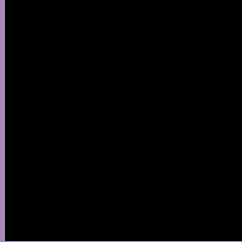
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9376, 0.2966, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 29.9376, 0.2966, 0.2620.



This preview shows how white text looks on a background with the Yxy color 29.9376, 0.2966, 0.2620.

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

29.9376, 0.2966, 0.2620

Protanopia

30.0361, 0.2640, 0.2610

Deuteranopia

30.0382, 0.2778, 0.2726



Tritanopia

29.9945, 0.3209, 0.3126

Trichromacy



Original Color

29.9376, 0.2966, 0.2620

Protanomaly

29.9601, 0.2755, 0.2622

Deuteranomaly

29.9200, 0.2841, 0.2680

Tritanomaly

29.9917, 0.3123, 0.2939

Monochromacy



Original Color

29.9376, 0.2966, 0.2620

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7159, 0.3068, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9376, 0.2966, 0.2620 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, 138, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 186)  
}
```

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, 138, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 186) }
```

Border

The CSS property to change the border of an element to Yxy 29.9376, 0.2966, 0.2620 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, 138, 186) }
```

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

```
.border{ border-color:rgb(167, 138, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9376, 0.2966, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 186) }
```

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

```
.background{ background-color: rgb(167,  
138, 186) }
```

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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