

Converting Colors

$Y_{xy}(24.3413, 0.3076, 0.2285)$

Have a look what the booklet for
Yxy(24.3413, 0.3076, 0.2285)
contains.

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Color

Yxy(24.2612, 0.3073, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	B16FBA
RGB	177, 111, 186
RGB Percent	69%, 44%, 73%
CMY	0.3057, 0.5648, 0.2706
CMYK	0.05, 0.40, 0.00, 0.27
HSL	293°, 35%, 58%
HSV	293°, 40%, 73%
XYZ	32.6851, 24.2612, 49.4158
YIQ	139.2840, 15.2610, 37.3170

Conversions

Conversions Part 2

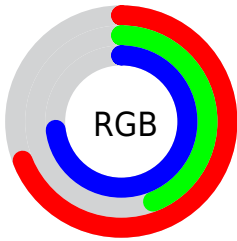
Format	Color
RYB	177, 111, 186
Decimal	11628474
CIELab	56.35, 38.45, -28.96
CIELCh	56, 48.138, 323.018
Yxy	24.2612, 0.3073, 0.2281
Android (android.graphics.Color)	4289818554 (0xFFB16FBA)
YUV	139.2840, 23.0310, 33.0769
Hunter-Lab	49.2557, 32.2517, -25.0039

Details

The Yxy color **24.2612, 0.3073, 0.2281** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.2559, 0.3139, 0.4486**, and the grayscale version is **25.8395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4541, 0.3098, 0.2472**, and **9.2419, 0.3023, 0.1986** is the 20% darker color. If you saturate the color by 10%, you get **20.3588, 0.3051, 0.2046**, and if you desaturate by 10%, it is **29.0150, 0.3091, 0.2531**.

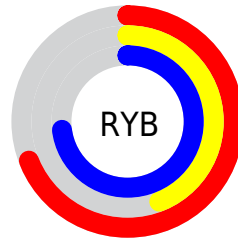
Distribution



Red (69%)

Green (44%)

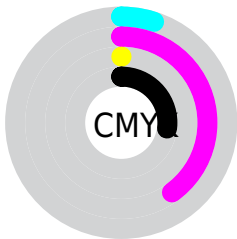
Blue (73%)



Red (69%)

Yellow (44%)

Blue (73%)

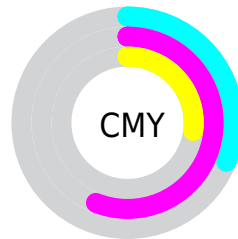


Cyan (5%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (31%)


Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2612, 0.3073, 0.2281 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 24.2612, 0.3073, 0.2281 by changing the saturation by 10% instead.


 24.2612, 0.3073,
0.2281

 24.2612, 0.3073,
0.2281


274.1384, 0.3118,
0.2794


 15.5275, 0.3055,
0.2152


 50.4561, 0.3094,
0.2469


 9.1904, 0.3028,
0.1987


 68.6861, 0.3101,
0.2539

 4.8656, 0.2984,
0.1769


 90.8503, 0.3105,
0.2598

 2.1686, 0.2906,
0.1472

 117.3331, 0.3109,
0.2649

 0.7028, 0.2759,
0.1041

148.5189, 0.3112,
0.2692

 0.0000, 0.2431,
0.0000

184.7922, 0.3115,

 0.0000, 0.0000,

0.2731

0.0000

226.5372, 0.3117,
0.2764

■ 24.2612, 0.3073,
0.2281

■ 24.2612, 0.3073,
0.2281

■ 20.3588, 0.3051,
0.2046

■ 29.0150, 0.3091,
0.2531

■ 17.2517, 0.3026,
0.1836

■ 34.6655, 0.3106,
0.2786

■ 14.8823, 0.2999,
0.1659


■ 41.2582, 0.3118,
0.3038

■ 13.1834, 0.2969,
0.1524


■ 48.8350, 0.3127,
0.3282


■ 12.0759, 0.2939,
0.1432

■ 57.4350, 0.3133,
0.3513

 11.4137, 0.2909,
0.1376

 67.0953, 0.3137,
0.3728

 77.8511, 0.3140,
0.3926

 86.6436, 0.3144,
0.4061

 86.9416, 0.3158,
0.4058

Harmonies

Analogous

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



24.2612, 0.2340, 0.2065



24.2612, 0.3073, 0.2281



24.2612, 0.3932, 0.2698

Triad

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



24.2612, 0.3073, 0.2281



24.2612, 0.4446, 0.4423



24.2612, 0.1841, 0.3067

Complementary

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



24.2612, 0.3073, 0.2281



40.2559, 0.3139, 0.4486

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.



24.2612, 0.2290, 0.3969



24.2612, 0.3073, 0.2281



24.2612, 0.3790, 0.4807

Square

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



24.2612, 0.3073, 0.2281



24.2612, 0.4770, 0.3845



24.2612, 0.3002, 0.4687



24.2612, 0.1711, 0.2411

Rectangle

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



24.2612, 0.3073, 0.2281



24.2612, 0.4417, 0.3053



24.2612, 0.3002, 0.4687



24.2612, 0.1955, 0.3355

Sweetspot

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



24.2623, 0.3073, 0.2281



72.4166, 0.3116, 0.2992



20.5954, 0.2416, 0.2236



15.5904, 0.3115, 0.2959



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.



24.2623, 0.3073, 0.2281



37.8916, 0.3055, 0.2081



24.2907, 0.3494, 0.2640



9.1068, 0.3119, 0.3063



7.7000, 0.2913, 0.1379



0.2869, 0.2995, 0.1423

Inverse Universe

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



23.1598, 0.4008, 0.3166



35.7251, 0.4300, 0.3142



40.3468, 0.2886, 0.4051



9.0292, 0.3269, 0.3263



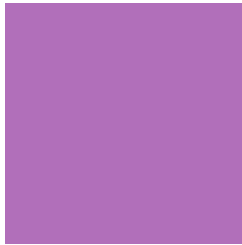
7.0687, 0.6232, 0.3207



0.2549, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 24.2612, 0.3073, 0.2281 looks on a white background.

Color Contrast Check

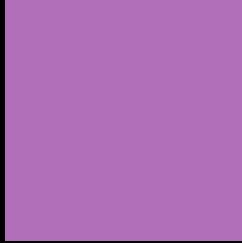
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2612, 0.3073, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

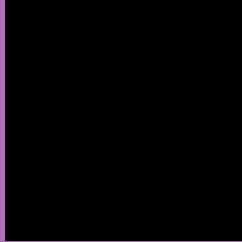
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2612, 0.3073, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 24.2612, 0.3073, 0.2281.

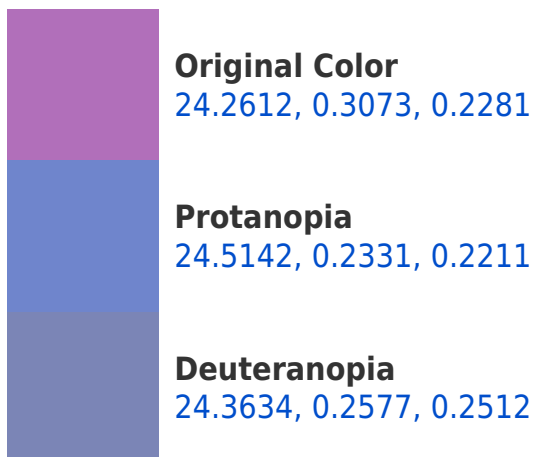


This preview shows how white text looks on a background with the Yxy color 24.2612, 0.3073, 0.2281.

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





Tritanopia

24.3779, 0.3601, 0.3155

Trichromacy



Original Color

24.2612, 0.3073, 0.2281

Protanomaly

23.8493, 0.2555, 0.2224

Deuteranomaly

23.9258, 0.2745, 0.2414

Tritanomaly

24.3449, 0.3403, 0.2808

Monochromacy



Original Color

24.2612, 0.3073, 0.2281

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8731, 0.3113, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2612, 0.3073, 0.2281 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(177, 111, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 111, 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(177, 111, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 111, 186) }
```

Border

The CSS property to change the border of an element to Yxy 24.2612, 0.3073, 0.2281 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(177, 111, 186) }
```

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

```
.border{ border-color:rgb(177, 111, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 111, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 111, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 111, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 111,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2612, 0.3073, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 111, 186) }
```

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

```
.background{ background-color: rgb(177,  
111, 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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