

Converting Colors

$Y_{xy}(24.7109, 0.2889, 0.2361)$

Have a look what the booklet for
Yxy(24.7109, 0.2889, 0.2361)
contains.

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Color

Yxy(24.6935, 0.2889, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	A079BA
RGB	160, 121, 186
RGB Percent	63%, 47%, 73%
CMY	0.3727, 0.5254, 0.2707
CMYK	0.14, 0.35, 0.00, 0.27
HSL	276°, 32%, 60%
HSV	276°, 35%, 73%
XYZ	30.1902, 24.6935, 49.6169
YIQ	140.0710, 2.3790, 28.4830

Conversions

Conversions Part 2

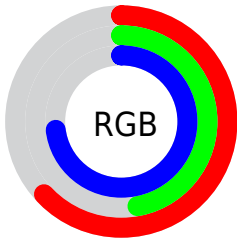
Format	Color
RYB	160, 121, 186
Decimal	10516922
CIELab	56.78, 27.46, -28.43
CIELCh	57, 39.528, 314.009
Yxy	24.6935, 0.2889, 0.2363
Android (android.graphics.Color)	4288707002 (0xFFA079BA)
YUV	140.0710, 22.6430, 17.4777
Hunter-Lab	49.6926, 21.4840, -24.4149

Details

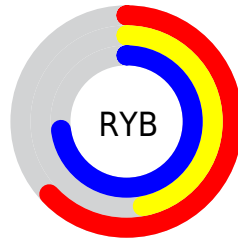
The Yxy color **24.6935, 0.2889, 0.2363** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.6959, 0.3293, 0.4255**, and the grayscale version is **26.1641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2818, 0.2951, 0.2545**, and **9.4540, 0.2777, 0.2082** is the 20% darker color. If you saturate the color by 10%, you get **19.8562, 0.2798, 0.2081**, and if you desaturate by 10%, it is **30.4503, 0.2970, 0.2644**.

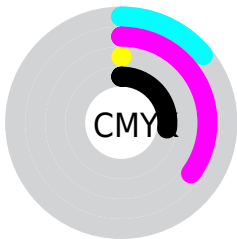
Distribution



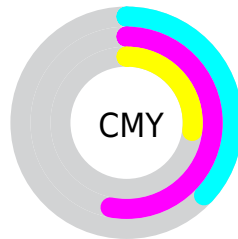
- Red (63%)
- Green (47%)
- Blue (73%)



- Red (63%)
- Yellow (47%)
- Blue (73%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)





- Cyan (37%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6935, 0.2889, 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 24.6935, 0.2889, 0.2363 by changing the saturation by 10% instead.


 24.6935, 0.2889,
0.2363

 24.6935, 0.2889,
0.2363


276.3081, 0.3029,
0.2840

 15.8489, 0.2847,
0.2241


 51.1596, 0.2945,
0.2539

 9.4173, 0.2788,
0.2084


 69.5497, 0.2965,
0.2604

 5.0143, 0.2701,
0.1874


 91.8906, 0.2981,
0.2659

 2.2557, 0.2564,
0.1583

118.5664, 0.2994,
0.2706

 0.7501, 0.2327,
0.1157

149.9617, 0.3005,
0.2747

 0.0000, 0.1592,
0.0000

186.4608, 0.3014,

 0.0000, 0.0000,

0.2782

0.0000

228.4482, 0.3022,
0.2813

■ 24.6935, 0.2889,
0.2363

■ 24.6935, 0.2889,
0.2363

■ 19.8562, 0.2798,
0.2081

■ 30.4503, 0.2970,
0.2644

■ 15.8842, 0.2699,
0.1808

■ 37.1704, 0.3041,
0.2915

■ 12.7223, 0.2593,
0.1557


■ 44.8986, 0.3101,
0.3171


■ 10.3076, 0.2485,
0.1342


■ 53.6760, 0.3152,
0.3408

■ 8.5672, 0.2379,
0.1171

■ 63.5412, 0.3194,
0.3625

 7.4129, 0.2279,
0.1051

 74.5309, 0.3229,
0.3822

 6.9563, 0.2230,
0.1002

 86.6801, 0.3258,
0.3999

 90.2094, 0.3301,
0.4024

 91.3944, 0.3350,
0.4013

Harmonies

Analogous

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



24.6935, 0.2330, 0.2240



24.6935, 0.2889, 0.2363



24.6935, 0.3584, 0.2676

Triad

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



24.6935, 0.2889, 0.2363



24.6935, 0.4348, 0.4129



24.6935, 0.2142, 0.3333

Complementary

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



24.6935, 0.2889, 0.2363



42.6959, 0.3293, 0.4255

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.



24.6935, 0.2608, 0.4041



24.6935, 0.2889, 0.2363



24.6935, 0.3883, 0.4483

Square

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



24.6935, 0.2889, 0.2363



24.6935, 0.4481, 0.3634



24.6935, 0.3244, 0.4493



24.6935, 0.1939, 0.2713

Rectangle

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



24.6935, 0.2889, 0.2363



24.6935, 0.4018, 0.2964



24.6935, 0.3244, 0.4493



24.6935, 0.2271, 0.3575

Sweetspot

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



24.6945, 0.2889, 0.2363



73.8294, 0.3071, 0.3039



28.8181, 0.2563, 0.2700



15.8282, 0.3062, 0.3003



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.



24.6945, 0.2889, 0.2363



37.8175, 0.2819, 0.2143



27.4350, 0.3224, 0.2500



8.9785, 0.3076, 0.3060



4.7257, 0.2242, 0.1009



0.2016, 0.2493, 0.1147

Inverse Universe

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



26.2243, 0.3613, 0.2928



41.1721, 0.3770, 0.2847



40.6928, 0.3041, 0.4233



9.0702, 0.3227, 0.3199



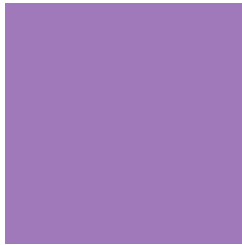
7.3741, 0.5344, 0.2718



0.2723, 0.4664, 0.2343

Previews

White Background



This preview shows how the Yxy color 24.6935, 0.2889, 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 24.6935, 0.2889, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

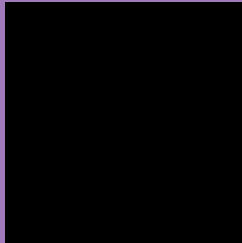
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6935, 0.2889, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 24.6935, 0.2889, 0.2363.



This preview shows how white text looks on a background with the Yxy color 24.6935, 0.2889, 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

24.6935, 0.2889, 0.2363

Protanopia

24.7487, 0.2422, 0.2333

Deuteranopia

24.6800, 0.2572, 0.2514



Tritanopia

24.6310, 0.3286, 0.3130

Trichromacy



Original Color

24.6935, 0.2889, 0.2363

Protanomaly

24.4118, 0.2573, 0.2337

Deuteranomaly

24.3954, 0.2673, 0.2447

Tritanomaly

24.6810, 0.3137, 0.2828

Monochromacy



Original Color

24.6935, 0.2889, 0.2363

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4124, 0.3035, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6935, 0.2889, 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(160, 121, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 121, 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(160, 121, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 121, 186) }
```

Border

The CSS property to change the border of an element to Yxy 24.6935, 0.2889, 0.2363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

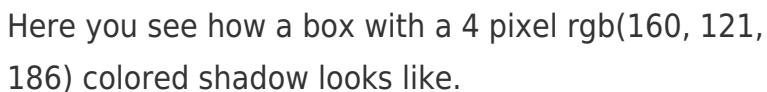
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 121, 186) }
```

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

```
.border{ border-color:rgb(160, 121, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 121, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 121, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 121, 186); box-shadow:4px 4px 4px 4px rgb(160, 121, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6935, 0.2889, 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(160, 121, 186) }
```

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

```
.background{ background-color: rgb(160,  
121, 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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