

Converting Colors

$Y_{xy}(24.2924, 0.2991, 0.2395)$

Have a look what the booklet for
Yxy(24.2924, 0.2991, 0.2395)
contains.

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Color

Yxy(24.2924, 0.2991, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	A576B5
RGB	165, 118, 181
RGB Percent	65%, 46%, 71%
CMY	0.3529, 0.5373, 0.2902
CMYK	0.09, 0.35, 0.00, 0.29
HSL	285°, 30%, 59%
HSV	285°, 35%, 71%
XYZ	30.3376, 24.2924, 46.7996
YIQ	139.2350, 7.7890, 29.5570

Conversions

Conversions Part 2

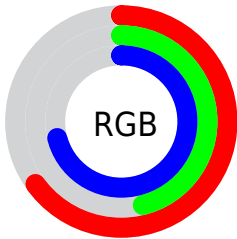
Format	Color
R_{YB}	165, 118, 181
Decimal	10843829
CIE _{Lab}	56.38, 29.72, -26.14
CIE _{LCh}	56, 39.586, 318.668
Yxy	24.2924, 0.2991, 0.2395
Android (android.graphics.Color)	4289033909 (0xFFA576B5)
YUV	139.2350, 20.5901, 22.5959
Hunter-Lab	49.2873, 23.6185, -21.7963

Details

The Yxy color $24.2924, 0.2991, 0.2395$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $39.4169, 0.3212, 0.4274$, and the grayscale version is $25.8317, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6124, 0.3028, 0.2569$, and $9.2595, 0.2921, 0.2128$ is the 20% darker color. If you saturate the color by 10%, you get $19.9487, 0.2937, 0.2133$, and if you desaturate by 10%, it is $29.4737, 0.3038, 0.2661$.

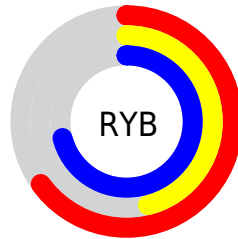
Distribution



Red (65%)

Green (46%)

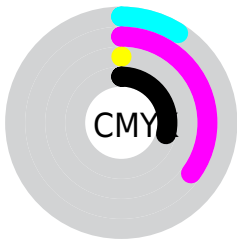
Blue (71%)



Red (65%)

Yellow (46%)

Blue (71%)

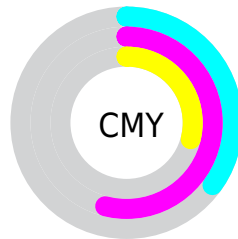


Cyan (9%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (35%)


Magenta (54%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2924, 0.2991, 0.2395 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 24.2924, 0.2991, 0.2395 by changing the saturation by 10% instead.


 24.2924, 0.2991,
0.2395


 24.2924, 0.2991,
0.2395


274.2954, 0.3077,
0.2857


 15.5507, 0.2963,
0.2276


 50.5069, 0.3027,
0.2566

 9.2068, 0.2923,
0.2122


 68.7485, 0.3039,
0.2629

 4.8763, 0.2862,
0.1916


 90.9255, 0.3048,
0.2682

 2.1749, 0.2761,
0.1628

117.4223, 0.3056,
0.2728

 0.7062, 0.2579,
0.1192

148.6233, 0.3062,
0.2767

 0.0000, 0.1913,
0.0000

184.9129, 0.3068,

 0.0000, 0.0000,

0.2801

0.0000

226.6755, 0.3073,
0.2831

■ 24.2924, 0.2991,
0.2395

■ 24.2924, 0.2991,
0.2395

■ 19.9487, 0.2937,
0.2133

■ 29.4737, 0.3038,
0.2661

■ 16.3923, 0.2877,
0.1885

■ 35.5328, 0.3079,
0.2923

■ 13.5724, 0.2812,
0.1662


■ 42.5111, 0.3113,
0.3174


■ 11.4308, 0.2745,
0.1475


■ 50.4465, 0.3141,
0.3411

■ 9.9003, 0.2677,
0.1331

■ 59.3745, 0.3164,
0.3630


 8.8994, 0.2610,
0.1233

 69.3291, 0.3182,
0.3831

 8.4951, 0.2576,
0.1193

 80.3424, 0.3196,
0.4014

 87.3744, 0.3215,
0.4107

 88.0230, 0.3244,
0.4100

Harmonies

Analogous

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



24.2924, 0.2398, 0.2239



24.2924, 0.2991, 0.2395



24.2924, 0.3695, 0.2735

Triad

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



24.2924, 0.2991, 0.2395



24.2924, 0.4301, 0.4203



24.2924, 0.2086, 0.3223

Complementary

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



24.2924, 0.2991, 0.2395



39.4169, 0.3212, 0.4274

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.



24.2924, 0.2516, 0.3944



24.2924, 0.2991, 0.2395



24.2924, 0.3794, 0.4521

Square

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



24.2924, 0.2991, 0.2395



24.2924, 0.4496, 0.3716



24.2924, 0.3140, 0.4461



24.2924, 0.1925, 0.2633

Rectangle

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



24.2924, 0.2991, 0.2395



24.2924, 0.4112, 0.3035



24.2924, 0.3140, 0.4461



24.2924, 0.2201, 0.3462

Sweetspot

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



24.2934, 0.2991, 0.2395



69.2340, 0.3096, 0.3041



24.4581, 0.2545, 0.2546



14.5960, 0.3091, 0.3006



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



24.2934, 0.2991, 0.2395



37.2482, 0.2949, 0.2187



25.5427, 0.3330, 0.2622



8.5361, 0.3098, 0.3063



5.8913, 0.2584, 0.1197



0.2112, 0.2767, 0.1298

Inverse Universe

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



24.4992, 0.3728, 0.3061



37.7966, 0.3931, 0.3009



38.5797, 0.2974, 0.4069



8.5395, 0.3249, 0.3232



6.9174, 0.5884, 0.3015



0.2273, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 24.2924, 0.2991, 0.2395 looks on a white background.

Color Contrast Check

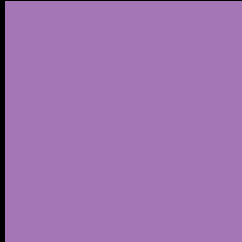
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2924, 0.2991, 0.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

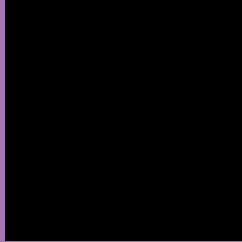
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2924, 0.2991, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 24.2924, 0.2991, 0.2395.



This preview shows how white text looks on a background with the Yxy color 24.2924, 0.2991, 0.2395.

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

24.2924, 0.2991, 0.2395

Protanopia

24.4072, 0.2447, 0.2356

Deuteranopia

24.3494, 0.2626, 0.2570



Tritanopia

24.2540, 0.3385, 0.3133

Trichromacy



Original Color

24.2924, 0.2991, 0.2395

Protanomaly

24.1808, 0.2613, 0.2363

Deuteranomaly

24.2685, 0.2753, 0.2505

Tritanomaly

24.2923, 0.3242, 0.2847

Monochromacy



Original Color

24.2924, 0.2991, 0.2395

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8616, 0.3077, 0.2924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2924, 0.2991, 0.2395 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(165, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 118, 181)  
}
```

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(165, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 118, 181) }
```

Border

The CSS property to change the border of an element to Yxy 24.2924, 0.2991, 0.2395 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(165, 118, 181) }
```

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

```
.border{ border-color:rgb(165, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 118,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2924, 0.2991, 0.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 118, 181) }
```

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

```
.background{ background-color: rgb(165,  
118, 181) }
```

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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