

Converting Colors

$Y_{xy}(24.9491, 0.2978, 0.2272)$

Have a look what the booklet for
Yxy(24.9491, 0.2978, 0.2272)
contains.

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Color

Yxy(24.9073, 0.2978, 0.2263)

Conversions

Conversions Part 1

Format	Color
Hex	AD73BF
RGB	173, 115, 191
RGB Percent	68%, 45%, 75%
CMY	0.3214, 0.5491, 0.2509
CMYK	0.09, 0.40, 0.00, 0.25
HSL	286°, 37%, 60%
HSV	286°, 40%, 75%
XYZ	32.7768, 24.9073, 52.3791
YIQ	141.0060, 10.1720, 35.9320

Conversions

Conversions Part 2

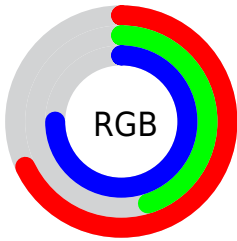
Format	Color
RYB	173, 115, 191
Decimal	11367359
CIELab	56.98, 36.04, -30.87
CIElCh	57, 47.454, 319.413
Yxy	24.9073, 0.2978, 0.2263
Android (android.graphics.Color)	4289557439 (0xFFAD73BF)
YUV	141.0060, 24.6470, 28.0587
Hunter-Lab	49.9072, 29.8932, -27.2915

Details

The Yxy color $24.9073, 0.2978, 0.2263$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $43.4883, 0.3209, 0.4445$, and the grayscale version is $26.5379, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6056, 0.3019, 0.2450$, and $9.5087, 0.2902, 0.1969$ is the 20% darker color. If you saturate the color by 10%, you get $20.4889, 0.2925, 0.2009$, and if you desaturate by 10%, it is $30.2477, 0.3025, 0.2527$.

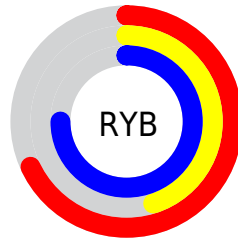
Distribution



Red (68%)

Green (45%)

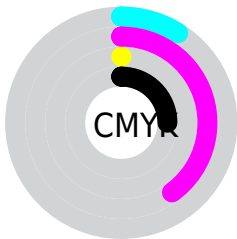
Blue (75%)



Red (68%)

Yellow (45%)

Blue (75%)

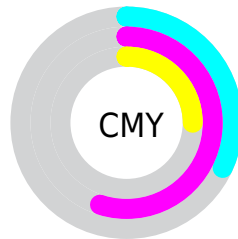


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (32%)


Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9073, 0.2978, 0.2263 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 24.9073, 0.2978, 0.2263 by changing the saturation by 10% instead.


 24.9073, 0.2978,
0.2263

 24.9073, 0.2978,
0.2263


277.3760, 0.3074,
0.2783


 16.0080, 0.2947,
0.2133


 51.5068, 0.3018,
0.2453

 9.5298, 0.2902,
0.1967


 69.9758, 0.3032,
0.2524

 5.0883, 0.2834,
0.1750


 92.4035, 0.3042,
0.2584

 2.2992, 0.2724,
0.1455

119.1742, 0.3051,
0.2635

 0.7733, 0.2528,
0.1042

150.6725, 0.3058,
0.2680

 0.0000, 0.2148,
0.0000

187.2826, 0.3064,

 0.0000, 0.0000,

0.2719

0.0000

229.3889, 0.3069,
0.2753

■ 24.9073, 0.2978,
0.2263

■ 24.9073, 0.2978,
0.2263

■ 20.4889, 0.2925,
0.2009

■ 30.2477, 0.3025,
0.2527

■ 16.9330, 0.2867,
0.1775

■ 36.5585, 0.3065,
0.2792

■ 14.1780, 0.2806,
0.1572

■ 43.8884, 0.3099,
0.3050

■ 12.1527, 0.2742,
0.1410


■ 52.2819, 0.3128,
0.3295


■ 10.7731, 0.2679,
0.1293


■ 61.7808, 0.3150,
0.3524

 9.8775, 0.2617,
0.1216

 72.4247, 0.3169,
0.3735

 9.8615, 0.2616,
0.1215

 84.2511, 0.3183,
0.3928

 88.8611, 0.3206,
0.3984

 89.5296, 0.3235,
0.3978

Harmonies

Analogous

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



24.9073, 0.2287, 0.2077



24.9073, 0.2978, 0.2263



24.9073, 0.3817, 0.2652

Triad

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



24.9073, 0.2978, 0.2263



24.9073, 0.4480, 0.4342



24.9073, 0.1903, 0.3173

Complementary

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



24.9073, 0.2978, 0.2263



43.4883, 0.3209, 0.4445

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.



24.9073, 0.2382, 0.4057



24.9073, 0.2978, 0.2263



24.9073, 0.3868, 0.4749

Square

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



24.9073, 0.2978, 0.2263



24.9073, 0.4742, 0.3767



24.9073, 0.3101, 0.4700



24.9073, 0.1737, 0.2491

Rectangle

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



24.9073, 0.2978, 0.2263



24.9073, 0.4314, 0.2993



24.9073, 0.3101, 0.4700



24.9073, 0.2029, 0.3461

Sweetspot

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



24.9084, 0.2978, 0.2263



75.2918, 0.3092, 0.2989



24.4526, 0.2447, 0.2394



16.1420, 0.3088, 0.2955



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.9084, 0.2978, 0.2263



37.4432, 0.2931, 0.2034



26.3139, 0.3383, 0.2539



9.5796, 0.3101, 0.3061



6.5179, 0.2624, 0.1219



0.2834, 0.2772, 0.1300

Inverse Universe

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



25.0271, 0.3875, 0.3045



37.8624, 0.4137, 0.2993



42.6329, 0.2946, 0.4186



9.5723, 0.3252, 0.3236



7.4151, 0.5945, 0.3048



0.3010, 0.5254, 0.2668

Previews

White Background



This preview shows how the Yxy color 24.9073, 0.2978, 0.2263 looks on a white background.

Color Contrast Check

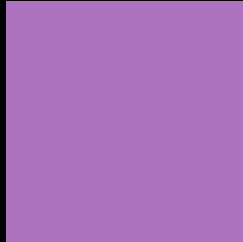
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9073, 0.2978, 0.2263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

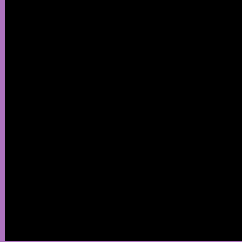
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9073, 0.2978, 0.2263

Background



This preview shows how black text looks on a background with the Yxy color 24.9073, 0.2978, 0.2263.



This preview shows how white text looks on a background with the Yxy color 24.9073, 0.2978, 0.2263.

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

24.9073, 0.2978, 0.2263

Protanopia

25.2777, 0.2326, 0.2210

Deuteranopia

25.0534, 0.2535, 0.2475



Tritanopia

24.9557, 0.3480, 0.3152

Trichromacy



Original Color

24.9073, 0.2978, 0.2263



Protanomaly

24.7237, 0.2523, 0.2220



Deuteranomaly

24.7319, 0.2687, 0.2392



Tritanomaly

24.8910, 0.3290, 0.2802

Monochromacy



Original Color

24.9073, 0.2978, 0.2263



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.7780, 0.3081, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9073, 0.2978, 0.2263 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(173, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 115, 191)  
}
```

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(173, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 115, 191) }
```

Border

The CSS property to change the border of an element to Yxy 24.9073, 0.2978, 0.2263 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(173, 115, 191) }
```

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

```
.border{ border-color:rgb(173, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 115,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9073, 0.2978, 0.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 115, 191) }
```

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

```
.background{ background-color: rgb(173,  
115, 191) }
```

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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