

Converting Colors

$Yxy(24.4926, 0.3425, 0.2841)$

Have a look what the booklet for
Yxy(24.4926, 0.3425, 0.2841)
contains.

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Color

Yxy(24.5192, 0.3425, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	AD7896
RGB	173, 120, 150
RGB Percent	68%, 47%, 59%
CMY	0.3215, 0.5294, 0.4118
CMYK	0.00, 0.31, 0.13, 0.32
HSL	326°, 24%, 57%
HSV	326°, 31%, 68%
XYZ	29.4557, 24.5192, 32.0272
YIQ	139.2670, 21.9580, 20.5660

Conversions

Conversions Part 2

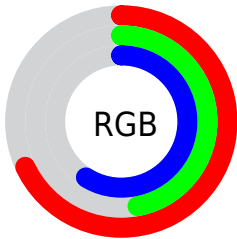
Format	Color
R_{YB}	173, 120, 150
Decimal	11368598
CIE _{Lab}	56.60, 25.41, -7.83
CIE _{LCh}	57, 26.592, 342.875
Yxy	24.5192, 0.3425, 0.2851
Android (android.graphics.Color)	4289558678 (0xFFAD7896)
YUV	139.2670, 5.2914, 29.5838
Hunter-Lab	49.5169, 19.5284, -3.6866

Details

The Yxy color $24.5192, 0.3425, 0.2851$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $35.8687, 0.2911, 0.3776$, and the grayscale version is $25.9004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9048, 0.3363, 0.2943$, and $9.4004, 0.3538, 0.2715$ is the 20% darker color. If you saturate the color by 10%, you get $20.4936, 0.3560, 0.2704$, and if you desaturate by 10%, it is $29.3144, 0.3310, 0.2999$.

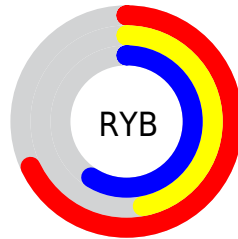
Distribution



Red (68%)

Green (47%)

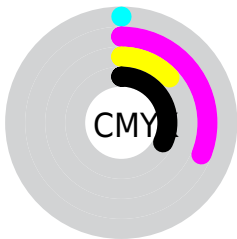
Blue (59%)



Red (68%)

Yellow (47%)

Blue (59%)

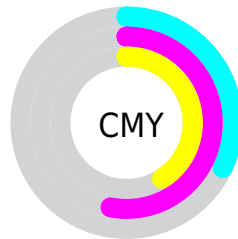


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5192, 0.3425, 0.2851 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 24.5192, 0.3425, 0.2851 by changing the saturation by 10% instead.


 24.5192, 0.3425,
0.2851


 24.5192, 0.3425,
0.2851


275.4350, 0.3264,
0.3086


 15.7192, 0.3470,
0.2787


 50.8761, 0.3363,
0.2940

 9.3257, 0.3530,
0.2700


 69.2019, 0.3341,
0.2973

 4.9542, 0.3616,
0.2579


 91.4717, 0.3323,
0.3000

 2.2204, 0.3748,
0.2395

118.0699, 0.3307,
0.3022

 0.7311, 0.3986,
0.2068

149.3809, 0.3294,
0.3042

 0.0000, 0.6558,
0.0000

185.7892, 0.3283,

 0.0000, 0.0000,

0.3059

0.0000

227.6791, 0.3273,
0.3073

■ 24.5192, 0.3425,
0.2851

■ 24.5192, 0.3425,
0.2851

■ 20.4936, 0.3560,
0.2704

■ 29.3144, 0.3310,
0.2999

■ 17.1935, 0.3715,
0.2567

■ 34.9137, 0.3213,
0.3144

■ 14.5754, 0.3890,
0.2447


■ 41.3534, 0.3132,
0.3281

■ 12.5896, 0.4081,
0.2357


■ 48.6666, 0.3064,
0.3411


■ 11.1799, 0.4282,
0.2308


■ 56.8847, 0.3008,
0.3531


 10.2796, 0.4486,
0.2309

 66.0375, 0.2961,
0.3642

 9.7646, 0.4674,
0.2348

 76.1533, 0.2923,
0.3744

 85.0641, 0.2889,
0.3802

 85.4478, 0.2850,
0.3713

Harmonies

Analogous

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



24.5192, 0.2956, 0.2628



24.5192, 0.3425, 0.2851



24.5192, 0.3833, 0.3176

Triad

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



24.5192, 0.3425, 0.2851



24.5192, 0.3678, 0.4098



24.5192, 0.2294, 0.2927

Complementary

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



24.5192, 0.3425, 0.2851



35.8687, 0.2911, 0.3776

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.



24.5192, 0.2457, 0.3351



24.5192, 0.3425, 0.2851



24.5192, 0.3244, 0.4081

Square

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



24.5192, 0.3425, 0.2851



24.5192, 0.3975, 0.3884



24.5192, 0.2799, 0.3796



24.5192, 0.2333, 0.2648

Rectangle

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



24.5192, 0.3425, 0.2851



24.5192, 0.3999, 0.3421



24.5192, 0.2799, 0.3796



24.5192, 0.2326, 0.3056

Sweetspot

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



24.5203, 0.3425, 0.2851



64.1326, 0.3200, 0.3165



22.2881, 0.2831, 0.2466



13.6031, 0.3212, 0.3145



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.5203, 0.3425, 0.2851



38.7161, 0.3517, 0.2748



23.7623, 0.3756, 0.3239



8.0884, 0.3201, 0.3162



7.1842, 0.4654, 0.2337



0.2106, 0.4109, 0.2037

Inverse Universe

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



24.5203, 0.3425, 0.2851



38.7161, 0.3517, 0.2748



36.7672, 0.2719, 0.3344



8.0884, 0.3201, 0.3162



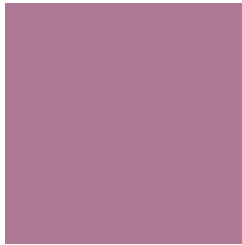
7.1842, 0.4654, 0.2337



0.2106, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 24.5192, 0.3425, 0.2851 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 24.5192, 0.3425, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

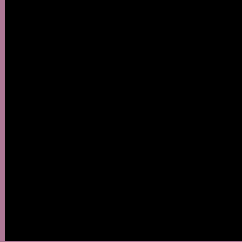
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5192, 0.3425, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 24.5192, 0.3425, 0.2851.



This preview shows how white text looks on a background with the Yxy color 24.5192, 0.3425, 0.2851.

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

24.5192, 0.3425, 0.2851

Protanopia

24.6913, 0.2840, 0.2878

Deuteranopia

24.5699, 0.3095, 0.3029



Tritanopia

24.5173, 0.3601, 0.3140

Trichromacy



Original Color

24.5192, 0.3425, 0.2851

Protanomaly

24.4766, 0.3035, 0.2875

Deuteranomaly

24.5768, 0.3212, 0.2961

Tritanomaly

24.5538, 0.3542, 0.3037

Monochromacy



Original Color

24.5192, 0.3425, 0.2851

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0650, 0.3227, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5192, 0.3425, 0.2851 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, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 150)  
}
```

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, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.5192, 0.3425, 0.2851 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, 120, 150) }
```

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

```
.border{ border-color:rgb(173, 120, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 120, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 120, 150); box-shadow:4px 4px 4px 4px rgb(173, 120, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5192, 0.3425, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 150) }
```

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

```
.background{ background-color: rgb(173,  
120, 150) }
```

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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