

Converting Colors

$Y_{xy}(24.4899, 0.2828, 0.2467)$

Have a look what the booklet for
Yxy(24.4899, 0.2828, 0.2467)
contains.

Yxy(24.3930, 0.2824, 0.2454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3930, 0.2824, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	957DB5
RGB	149, 125, 181
RGB Percent	58%, 49%, 71%
CMY	0.4156, 0.5098, 0.2902
CMYK	0.18, 0.31, 0.00, 0.29
HSL	266°, 27%, 60%
HSV	266°, 31%, 71%
XYZ	28.0708, 24.3930, 46.9371
YIQ	138.5600, -3.6720, 22.5040

Conversions

Conversions Part 2

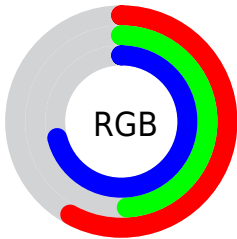
Format	Color
RYB	149, 125, 181
Decimal	9797045
CIELab	56.48, 20.56, -26.12
CIELCh	56, 33.242, 308.213
Yxy	24.3930, 0.2824, 0.2454
Android (android.graphics.Color)	4287987125 (0xFF957DB5)
YUV	138.5600, 20.9229, 9.1559
Hunter-Lab	49.3893, 15.0209, -21.7738

Details

The Yxy color $24.3930, 0.2824, 0.2454$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $41.6863, 0.3363, 0.4109$, and the grayscale version is $25.5617, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7926, 0.2894, 0.2620$, and $9.2688, 0.2698, 0.2192$ is the 20% darker color. If you saturate the color by 10%, you get $19.2926, 0.2698, 0.2152$, and if you desaturate by 10%, it is $30.4166, 0.2937, 0.2745$.

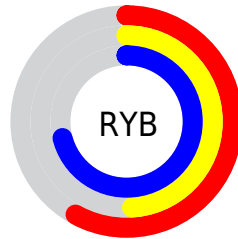
Distribution



Red (58%)

Green (49%)

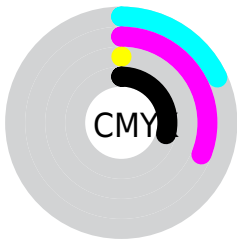
Blue (71%)



Red (58%)

Yellow (49%)

Blue (71%)

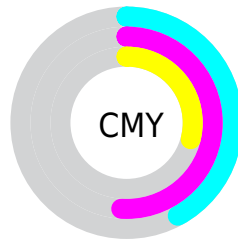


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (51%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3930, 0.2824, 0.2454 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 24.3930, 0.2824, 0.2454 by changing the saturation by 10% instead.


 24.3930, 0.2824,
0.2454

 24.3930, 0.2824,
0.2454


274.8014, 0.2997,
0.2891


 15.6254, 0.2773,
0.2340


 50.6708, 0.2892,
0.2617

 9.2595, 0.2704,
0.2191


 68.9497, 0.2916,
0.2677

 4.9108, 0.2602,
0.1989


 91.1679, 0.2936,
0.2727

 2.1950, 0.2444,
0.1704

117.7098, 0.2952,
0.2769

 0.7173, 0.2175,
0.1266

148.9596, 0.2966,
0.2806

 0.0000, 0.0821,
0.0000

185.3019, 0.2978,

 0.0000, 0.0000,

0.2838

0.0000

227.1210, 0.2988,
0.2866

■ 24.3930, 0.2824,
0.2454

■ 24.3930, 0.2824,
0.2454

■ 19.2926, 0.2698,
0.2152

■ 30.4166, 0.2937,
0.2745

■ 15.0646, 0.2561,
0.1850

■ 37.4044, 0.3035,
0.3017

■ 11.6581, 0.2416,
0.1560

■ 45.3986, 0.3120,
0.3268

■ 9.0154, 0.2269,
0.1299

■ 54.4380, 0.3192,
0.3495

■ 7.0707, 0.2128,
0.1083

■ 64.5592, 0.3253,
0.3700

■ 5.7467, 0.1998,
0.0921

■ 75.7973, 0.3304,
0.3882

■ 4.9419, 0.1895,
0.0817

■ 88.1854, 0.3347,
0.4044

■ 91.9566, 0.3410,
0.4058

■ 93.7333, 0.3479,
0.4040

Harmonies

Analogous

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



24.3930, 0.2374, 0.2387



24.3930, 0.2824, 0.2454



24.3930, 0.3403, 0.2699

Triad

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



24.3930, 0.2824, 0.2454



24.3930, 0.4216, 0.3949



24.3930, 0.2348, 0.3450

Complementary

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



24.3930, 0.2824, 0.2454



41.6863, 0.3363, 0.4109

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.



24.3930, 0.2791, 0.4012



24.3930, 0.2824, 0.2454



24.3930, 0.3874, 0.4268

Square

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



24.3930, 0.2824, 0.2454



24.3930, 0.4252, 0.3516



24.3930, 0.3349, 0.4322



24.3930, 0.2119, 0.2898

Rectangle

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



24.3930, 0.2824, 0.2454



24.3930, 0.3782, 0.2938



24.3930, 0.3349, 0.4322



24.3930, 0.2475, 0.3649

Sweetspot

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



24.3940, 0.2824, 0.2454



69.4247, 0.3051, 0.3063



32.0322, 0.2648, 0.2929



14.5830, 0.3038, 0.3026



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.



24.3940, 0.2824, 0.2454



37.4126, 0.2741, 0.2253



27.2694, 0.3112, 0.2522



8.4025, 0.3050, 0.3059



3.4467, 0.1908, 0.0825



0.1431, 0.2240, 0.1008

Inverse Universe

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



26.9211, 0.3427, 0.2841



42.7576, 0.3514, 0.2742



39.2419, 0.3124, 0.4173



8.5838, 0.3201, 0.3161



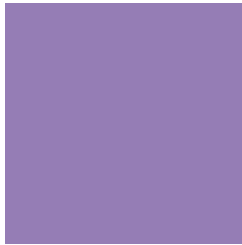
7.4658, 0.4635, 0.2327



0.2463, 0.4138, 0.2053

Previews

White Background



This preview shows how the Yxy color 24.3930, 0.2824, 0.2454 looks on a white background.

Color Contrast Check

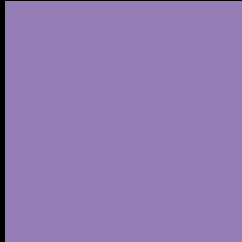
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3930, 0.2824, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

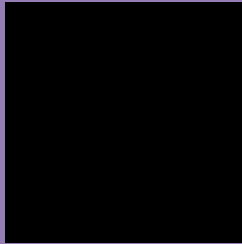
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3930, 0.2824, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 24.3930, 0.2824, 0.2454.



This preview shows how white text looks on a background with the Yxy color 24.3930, 0.2824, 0.2454.

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

24.3930, 0.2824, 0.2454

Protanopia

24.6030, 0.2501, 0.2441

Deuteranopia

24.3897, 0.2618, 0.2556



Tritanopia

24.3253, 0.3136, 0.3109

Trichromacy



Original Color

24.3930, 0.2824, 0.2454

Protanomaly

24.4812, 0.2613, 0.2453

Deuteranomaly

24.3289, 0.2689, 0.2511

Tritanomaly

24.1546, 0.3014, 0.2842

Monochromacy



Original Color

24.3930, 0.2824, 0.2454

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2229, 0.3022, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3930, 0.2824, 0.2454 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(149, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 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(149, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 181) }
```

Border

The CSS property to change the border of an element to Yxy 24.3930, 0.2824, 0.2454 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(149, 125, 181) }
```

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

```
.border{ border-color:rgb(149, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 125, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 125, 181); box-shadow:4px 4px 4px 4px rgb(149, 125, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3930, 0.2824, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 181) }
```

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

```
.background{ background-color: rgb(149,  
125, 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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