

Converting Colors

$Y_{xy}(24.8880, 0.3127, 0.2927)$

Have a look what the booklet for
Yxy(24.8880, 0.3127, 0.2927)
contains.

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Color

Yxy(24.9406, 0.3133, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	988299
RGB	152, 130, 153
RGB Percent	60%, 51%, 60%
CMY	0.4038, 0.4902, 0.3999
CMYK	0.01, 0.15, 0.00, 0.40
HSL	297°, 10%, 55%
HSV	297°, 15%, 60%
XYZ	26.6868, 24.9406, 33.5523
YIQ	139.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

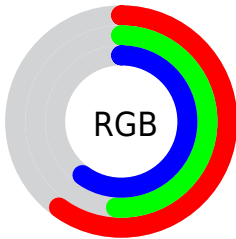
Format	Color
R_{YB}	152, 130, 153
Decimal	9994905
CIE _{Lab}	57.02, 12.68, -9.20
CIE _{LCh}	57, 15.661, 324.044
Yxy	24.9406, 0.3133, 0.2928
Android (android.graphics.Color)	4288184985 (0xFF988299)
YUV	139.2000, 6.8034, 11.2256
Hunter-Lab	49.9406, 7.9892, -4.8752

Details

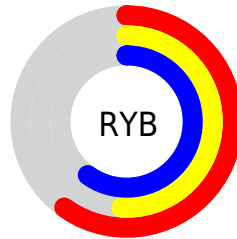
The Yxy color $24.9406, 0.3133, 0.2928$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.2236, 0.3119, 0.3678$, and the grayscale version is $25.8733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4938, 0.3132, 0.3006$, and $9.6109, 0.3133, 0.2812$ is the 20% darker color. If you saturate the color by 10%, you get $21.1064, 0.3136, 0.2682$, and if you desaturate by 10%, it is $29.3827, 0.3129, 0.3171$.

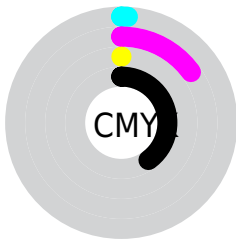
Distribution



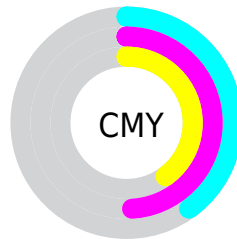
- Red (60%)
- Green (51%)
- Blue (60%)



- Red (60%)
- Yellow (51%)
- Blue (60%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)





- Cyan (40%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9406, 0.3133, 0.2928 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 24.9406, 0.3133, 0.2928 by changing the saturation by 10% instead.


 24.9406, 0.3133,
0.2928


 24.9406, 0.3133,
0.2928


277.5420, 0.3132,
0.3123


 16.0328, 0.3132,
0.2874


 51.5608, 0.3133,
0.3002

 9.5474, 0.3131,
0.2802


 70.0421, 0.3133,
0.3029

 5.0999, 0.3128,
0.2699

 92.4833, 0.3133,
0.3052

 2.3060, 0.3121,
0.2542

119.2688, 0.3133,
0.3070

 0.7769, 0.3104,
0.2264

150.7830, 0.3132,
0.3086

 0.0000, 0.0000,
0.0000

187.4104, 0.3132,

0.3100

229.5352, 0.3132,
0.3112

■ 24.9406, 0.3133,
0.2928

■ 24.9406, 0.3133,
0.2928

■ 21.1064, 0.3136,
0.2682

■ 29.3827, 0.3129,
0.3171

■ 17.8502, 0.3137,
0.2439

■ 34.4544, 0.3125,
0.3404

■ 15.1445, 0.3137,
0.2208

■ 40.1804, 0.3120,
0.3625

■ 12.9581, 0.3135,
0.1998

■ 46.5830, 0.3115,
0.3831

■ 11.2571, 0.3131,
0.1817

■ 53.6835, 0.3110,
0.4021

■ 10.0032, 0.3125,
0.1673

■ 61.5024, 0.3104,
0.4194

■ 9.1524, 0.3118,
0.1571

■ 70.0590, 0.3099,
0.4352

■ 8.6482, 0.3109,
0.1508

■ 79.3724, 0.3094,
0.4494

■ 8.4538, 0.3104,
0.1483

■ 81.0830, 0.3097,
0.4516

Harmonies

Analogous

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



24.9406, 0.2873, 0.2846



24.9406, 0.3133, 0.2928



24.9406, 0.3401, 0.3096

Triad

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



24.9406, 0.3133, 0.2928



24.9406, 0.3578, 0.3707



24.9406, 0.2676, 0.3237

Complementary

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



24.9406, 0.3133, 0.2928



29.2236, 0.3119, 0.3678

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.



24.9406, 0.2850, 0.3492



24.9406, 0.3133, 0.2928



24.9406, 0.3370, 0.3771

Square

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



24.9406, 0.3133, 0.2928



24.9406, 0.3664, 0.3536



24.9406, 0.3103, 0.3694



24.9406, 0.2618, 0.3011

Rectangle

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



24.9406, 0.3133, 0.2928



24.9406, 0.3546, 0.3238



24.9406, 0.3103, 0.3694



24.9406, 0.2722, 0.3322

Sweetspot

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



24.9417, 0.3133, 0.2928



52.5650, 0.3129, 0.3169



23.3163, 0.2892, 0.2921



11.4869, 0.3130, 0.3154



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.9417, 0.3133, 0.2928



42.2678, 0.3134, 0.2847



24.7096, 0.3256, 0.3088



6.3102, 0.3131, 0.3070



6.9888, 0.3105, 0.1484



0.1081, 0.3155, 0.1511

Inverse Universe

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



24.3749, 0.3388, 0.3275



41.0609, 0.3458, 0.3271



29.4376, 0.3016, 0.3501



6.2268, 0.3277, 0.3281



5.6104, 0.6338, 0.3265



0.0849, 0.6043, 0.3103

Previews

White Background



This preview shows how the Yxy color 24.9406, 0.3133, 0.2928 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 24.9406, 0.3133, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

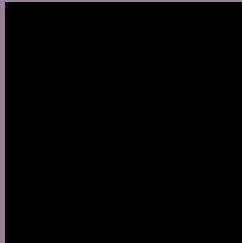
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9406, 0.3133, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 24.9406, 0.3133, 0.2928.



This preview shows how white text looks on a background with the Yxy color 24.9406, 0.3133, 0.2928.

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

24.9406, 0.3133, 0.2928

Protanopia

25.0292, 0.2889, 0.2944

Deuteranopia

24.8817, 0.3042, 0.2982



Tritanopia

24.9396, 0.3226, 0.3129

Trichromacy



Original Color

24.9406, 0.3133, 0.2928

Protanomaly

25.0259, 0.2970, 0.2933

Deuteranomaly

24.8805, 0.3075, 0.2969

Tritanomaly

24.8872, 0.3195, 0.3051

Monochromacy



Original Color

24.9406, 0.3133, 0.2928

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5512, 0.3133, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9406, 0.3133, 0.2928 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(152, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 130, 153)  
}
```

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(152, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 24.9406, 0.3133, 0.2928 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(152, 130, 153) }
```

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

```
.border{ border-color:rgb(152, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9406, 0.3133, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 130, 153) }
```

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

```
.background{ background-color: rgb(152,  
130, 153) }
```

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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