

Converting Colors

$Y_{xy}(24.8050, 0.3131, 0.2940)$

Have a look what the booklet for
Yxy(24.8050, 0.3131, 0.2940)
contains.

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Color

Yxy(24.8116, 0.3132, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	978298
RGB	151, 130, 152
RGB Percent	59%, 51%, 60%
CMY	0.4078, 0.4902, 0.4038
CMYK	0.01, 0.14, 0.00, 0.40
HSL	297°, 10%, 55%
HSV	297°, 14%, 60%
XYZ	26.4140, 24.8116, 33.1102
YIQ	138.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

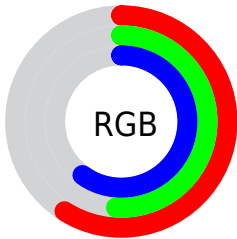
Format	Color
R_{YB}	151, 130, 152
Decimal	9929368
CIE Lab	56.89, 12.10, -8.82
CIE LCh	57, 14.973, 323.922
Yxy	24.8116, 0.3132, 0.2942
Android (android.graphics.Color)	4288119448 (0xFF978298)
YUV	138.7870, 6.5140, 10.7108
Hunter-Lab	49.8112, 7.4856, -4.5430

Details

The Yxy color $24.8116, 0.3132, 0.2942$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.9008, 0.3120, 0.3662$, and the grayscale version is $25.7064, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3023, 0.3132, 0.3017$, and $9.5338, 0.3132, 0.2831$ is the 20% darker color. If you saturate the color by 10%, you get $20.9959, 0.3134, 0.2696$, and if you desaturate by 10%, it is $29.2273, 0.3129, 0.3184$.

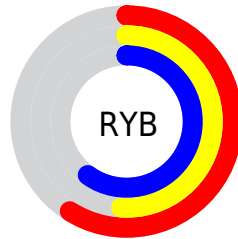
Distribution



Red (59%)

Green (51%)

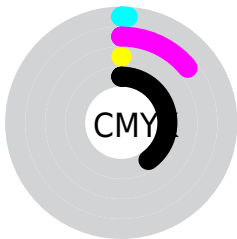
Blue (60%)



Red (59%)

Yellow (51%)

Blue (60%)

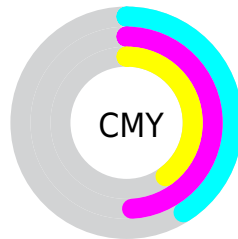


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (40%)



Cyan (41%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8116, 0.3132, 0.2942 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 24.8116, 0.3132, 0.2942 by changing the saturation by 10% instead.


 24.8116, 0.3132,
0.2942


 24.8116, 0.3132,
0.2942


276.8984, 0.3131,
0.3130


 15.9367, 0.3131,
0.2890


 51.3514, 0.3132,
0.3014

 9.4794, 0.3130,
0.2820


 69.7852, 0.3132,
0.3040

 5.0552, 0.3127,
0.2720

 92.1740, 0.3132,
0.3061

 2.2797, 0.3120,
0.2567

118.9023, 0.3132,
0.3079

 0.7629, 0.3105,
0.2292

150.3546, 0.3132,
0.3095

 0.0000, 0.0000,
0.0000

186.9150, 0.3132,

0.3108

228.9682, 0.3131,
0.3120

■ 24.8116, 0.3132,
0.2942

■ 24.8116, 0.3132,
0.2942

■ 20.9959, 0.3134,
0.2696

■ 29.2273, 0.3129,
0.3184

■ 17.7510, 0.3135,
0.2452

■ 34.2643, 0.3125,
0.3417

■ 15.0498, 0.3134,
0.2220

■ 39.9469, 0.3120,
0.3637

■ 12.8620, 0.3131,
0.2008

■ 46.2969, 0.3116,
0.3842

■ 11.1541, 0.3126,
0.1825

■ 53.3353, 0.3111,
0.4030

■ 9.8889, 0.3120,
0.1678

■ 61.0820, 0.3106,
0.4203

■ 9.0235, 0.3111,
0.1572

■ 69.5563, 0.3101,
0.4359

■ 8.5049, 0.3102,
0.1507

■ 78.7766, 0.3096,
0.4501

■ 8.2877, 0.3096,
0.1479

■ 80.9875, 0.3098,
0.4529

Harmonies

Analogous

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



24.8116, 0.2883, 0.2864



24.8116, 0.3132, 0.2942



24.8116, 0.3389, 0.3103

Triad

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



24.8116, 0.3132, 0.2942



24.8116, 0.3560, 0.3689



24.8116, 0.2695, 0.3240

Complementary

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



24.8116, 0.3132, 0.2942



28.9008, 0.3120, 0.3662

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.



24.8116, 0.2863, 0.3485



24.8116, 0.3132, 0.2942



24.8116, 0.3361, 0.3750

Square

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



24.8116, 0.3132, 0.2942



24.8116, 0.3641, 0.3526



24.8116, 0.3106, 0.3676



24.8116, 0.2639, 0.3024

Rectangle

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



24.8116, 0.3132, 0.2942



24.8116, 0.3527, 0.3240



24.8116, 0.3106, 0.3676



24.8116, 0.2740, 0.3323

Sweetspot

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



24.8127, 0.3132, 0.2942



51.9143, 0.3129, 0.3194



23.2735, 0.2902, 0.2936



11.6652, 0.3129, 0.3177



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.



24.8127, 0.3132, 0.2942



41.7622, 0.3133, 0.2872



24.5990, 0.3251, 0.3096



6.3091, 0.3130, 0.3070



6.9510, 0.3097, 0.1480



0.1078, 0.3150, 0.1509

Inverse Universe

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



24.2819, 0.3375, 0.3274



40.6655, 0.3434, 0.3271



29.0991, 0.3020, 0.3492



6.2271, 0.3276, 0.3280



5.6114, 0.6333, 0.3263



0.0850, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 24.8116, 0.3132, 0.2942 looks on a white background.

Color Contrast Check

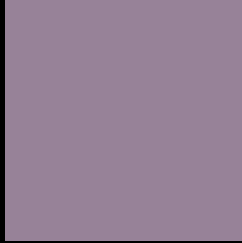
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8116, 0.3132, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

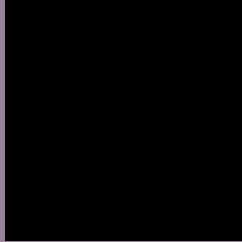
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8116, 0.3132, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 24.8116, 0.3132, 0.2942.



This preview shows how white text looks on a background with the Yxy color 24.8116, 0.3132, 0.2942.

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

24.8116, 0.3132, 0.2942

Protanopia

24.9952, 0.2898, 0.2959

Deuteranopia

24.8491, 0.3052, 0.2998



Tritanopia

24.9396, 0.3226, 0.3129

Trichromacy



Original Color

24.8116, 0.3132, 0.2942

Protanomaly

24.9922, 0.2980, 0.2949

Deuteranomaly

24.8479, 0.3086, 0.2984

Tritanomaly

24.7920, 0.3184, 0.3050

Monochromacy



Original Color

24.8116, 0.3132, 0.2942

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4616, 0.3122, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8116, 0.3132, 0.2942 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(151, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(151, 130, 152)  
}
```

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(151, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 130, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.8116, 0.3132, 0.2942 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(151, 130, 152) }
```

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

```
.border{ border-color:rgb(151, 130, 152) }
```

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

Here you see how a box with a 4 pixel rgb(151, 130, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(151, 130,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8116, 0.3132, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 130, 152) }
```

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

```
.background{ background-color: rgb(151,  
130, 152) }
```

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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