

Converting Colors

$Y_{xy}(24.8185, 0.3234, 0.3101)$

Have a look what the booklet for
Yxy(24.8185, 0.3234, 0.3101)
contains.

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Color

Yxy(24.7951, 0.3228, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	97838F
RGB	151, 131, 143
RGB Percent	59%, 51%, 56%
CMY	0.4078, 0.4863, 0.4393
CMYK	0.00, 0.13, 0.05, 0.41
HSL	324°, 9%, 55%
HSV	324°, 13%, 59%
XYZ	25.8356, 24.7951, 29.4052
YIQ	138.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

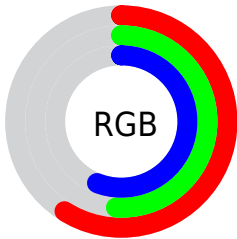
Format	Color
R_{YB}	151, 131, 143
Decimal	9929615
CIE Lab	56.88, 9.77, -3.63
CIE LCh	57, 10.424, 339.626
Yxy	24.7951, 0.3228, 0.3098
Android (android.graphics.Color)	4288119695 (0xFF97838F)
YUV	138.3480, 2.2934, 11.0958
Hunter-Lab	49.7947, 5.4726, -0.1561

Details

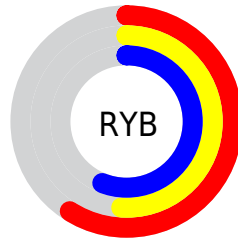
The Yxy color $24.7951, 0.3228, 0.3098$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8232, 0.3038, 0.3490$, and the grayscale version is $25.5445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2913, 0.3202, 0.3134$, and $9.5342, 0.3260, 0.3033$ is the 20% darker color. If you saturate the color by 10%, you get $20.8526, 0.3321, 0.2946$, and if you desaturate by 10%, it is $29.3408, 0.3150, 0.3244$.

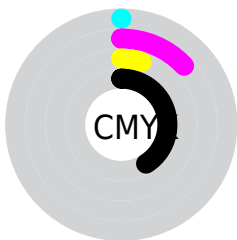
Distribution



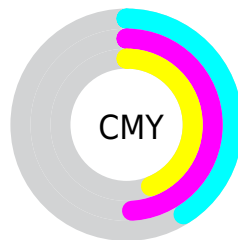
- Red (59%)
- Green (51%)
- Blue (56%)



- Red (59%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (41%)





- Cyan (41%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7951, 0.3228, 0.3098 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 24.7951, 0.3228, 0.3098 by changing the saturation by 10% instead.


 24.7951, 0.3228,
0.3098


 24.7951, 0.3228,
0.3098


276.8160, 0.3173,
0.3203


 15.9245, 0.3244,
0.3069


 51.3246, 0.3207,
0.3138

 9.4707, 0.3265,
0.3028


 69.7523, 0.3199,
0.3153

 5.0495, 0.3295,
0.2970

 92.1344, 0.3193,
0.3165

 2.2763, 0.3343,
0.2880

118.8554, 0.3188,
0.3175

 0.7611, 0.3436,
0.2703

150.2997, 0.3183,
0.3183

 0.0000, 0.0000,
0.0000

186.8516, 0.3179,

0.3191

228.8956, 0.3176,
0.3197

■ 24.7951, 0.3228,
0.3098

■ 24.7951, 0.3228,
0.3098

■ 20.8526, 0.3321,
0.2946

■ 29.3408, 0.3150,
0.3244

■ 17.4845, 0.3430,
0.2791

■ 34.5105, 0.3084,
0.3382

■ 14.6644, 0.3556,
0.2640

■ 40.3280, 0.3029,
0.3511

■ 12.3624, 0.3700,
0.2499

■ 46.8151, 0.2984,
0.3630

■ 10.5461, 0.3861,
0.2378

■ 53.9921, 0.2946,
0.3740

■ 9.1791, 0.4034,
0.2290

■ 61.8789, 0.2914,
0.3841

■ 8.2199, 0.4214,
0.2242

■ 70.4944, 0.2888,
0.3933

■ 7.6193, 0.4395,
0.2244

■ 79.8567, 0.2866,
0.4018

■ 7.3257, 0.4518,
0.2262

■ 82.1510, 0.2838,
0.3975

Harmonies

Analogous

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



24.7951, 0.3045, 0.3009



24.7951, 0.3228, 0.3098



24.7951, 0.3387, 0.3235

Triad

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



24.7951, 0.3228, 0.3098



24.7951, 0.3365, 0.3600



24.7951, 0.2791, 0.3174

Complementary

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



24.7951, 0.3228, 0.3098



28.8232, 0.3038, 0.3490

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.



24.7951, 0.2872, 0.3339



24.7951, 0.3228, 0.3098



24.7951, 0.3201, 0.3591

Square

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



24.7951, 0.3228, 0.3098



24.7951, 0.3467, 0.3524



24.7951, 0.3021, 0.3494



24.7951, 0.2798, 0.3048

Rectangle

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



24.7951, 0.3228, 0.3098



24.7951, 0.3456, 0.3338



24.7951, 0.3021, 0.3494



24.7951, 0.2809, 0.3227

Sweetspot

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



24.7962, 0.3228, 0.3098



51.8208, 0.3156, 0.3232



23.9578, 0.3009, 0.2960



11.6403, 0.3161, 0.3222



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.



24.7962, 0.3228, 0.3098



42.1198, 0.3255, 0.3052



24.5070, 0.3339, 0.3258



6.2817, 0.3195, 0.3157



6.2380, 0.4508, 0.2257



0.1004, 0.3833, 0.1885

Inverse Universe

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



24.7962, 0.3228, 0.3098



42.1198, 0.3255, 0.3052



29.1285, 0.2949, 0.3322



6.2817, 0.3195, 0.3157



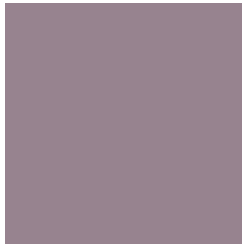
6.2380, 0.4508, 0.2257



0.1004, 0.3833, 0.1885

Previews

White Background



This preview shows how the Yxy color 24.7951, 0.3228, 0.3098 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 24.7951, 0.3228, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

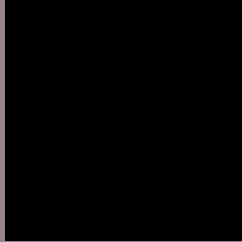
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7951, 0.3228, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 24.7951, 0.3228, 0.3098.



This preview shows how white text looks on a background with the Yxy color 24.7951, 0.3228, 0.3098.

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

24.7951, 0.3228, 0.3098

Protanopia

24.9179, 0.3026, 0.3123

Deuteranopia

24.6887, 0.3181, 0.3111



Tritanopia

24.7649, 0.3239, 0.3114

Trichromacy



Original Color

24.7951, 0.3228, 0.3098

Protanomaly

24.7572, 0.3091, 0.3108

Deuteranomaly

24.7816, 0.3192, 0.3112

Tritanomaly

24.7649, 0.3239, 0.3114

Monochromacy



Original Color

24.7951, 0.3228, 0.3098

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0610, 0.3165, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7951, 0.3228, 0.3098 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, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(151, 131, 143)  
}
```

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, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 131, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.7951, 0.3228, 0.3098 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, 131, 143) }
```

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

```
.border{ border-color:rgb(151, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(151, 131,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7951, 0.3228, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 131, 143) }
```

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

```
.background{ background-color: rgb(151,  
131, 143) }
```

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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