

Converting Colors

$Y_{xy}(24.8440, 0.3311, 0.3248)$

Have a look what the booklet for
Yxy(24.8440, 0.3311, 0.3248)
contains.

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Color

Yxy(24.8311, 0.3314, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	978487
RGB	151, 132, 135
RGB Percent	59%, 52%, 53%
CMY	0.4080, 0.4823, 0.4706
CMYK	0.00, 0.13, 0.11, 0.41
HSL	351°, 8%, 55%
HSV	351°, 13%, 59%
XYZ	25.3826, 24.8311, 26.3783
YIQ	138.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

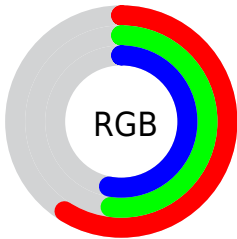
Format	Color
R _Y B	151, 132, 135
Decimal	9929863
CIE Lab	56.91, 7.72, 1.03
CIE LCh	57, 7.784, 7.597
Yxy	24.8311, 0.3314, 0.3242
Android (android.graphics.Color)	4288119943 (0xFF978487)
YUV	138.0230, -1.4903, 11.3808
Hunter-Lab	49.8308, 3.7195, 3.4960

Details

The Yxy color **24.8311, 0.3314, 0.3242** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1668, 0.2967, 0.3339**, and the grayscale version is **25.4271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3079, 0.3273, 0.3254**, and **9.5517, 0.3391, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **20.6921, 0.3502, 0.3201**, and if you desaturate by 10%, it is **29.6077, 0.3161, 0.3281**.

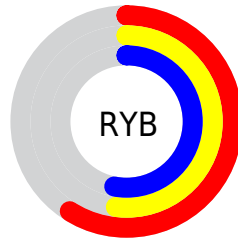
Distribution



Red (59%)

Green (52%)

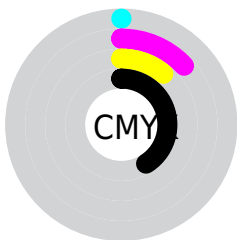
Blue (53%)



Red (59%)

Yellow (52%)

Blue (53%)

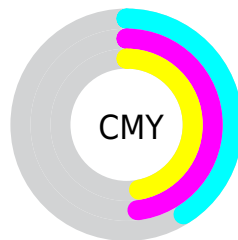


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (41%)



Cyan (41%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8311, 0.3314, 0.3242 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 24.8311, 0.3314, 0.3242 by changing the saturation by 10% instead.


 24.8311, 0.3314,
0.3242


 24.8311, 0.3314,
0.3242


276.9958, 0.3211,
0.3269


 15.9513, 0.3344,
0.3234


 51.3831, 0.3274,
0.3253

 9.4897, 0.3385,
0.3223


 69.8240, 0.3259,
0.3256

 5.0619, 0.3445,
0.3207

 92.2208, 0.3248,
0.3259

 2.2836, 0.3543,
0.3180

118.9578, 0.3238,
0.3262

 0.7650, 0.3755,
0.3131

150.4194, 0.3229,
0.3264

 0.0000, 0.0000,
0.0000

186.9900, 0.3222,

0.3266

229.0540, 0.3216,
0.3268

■ 24.8311, 0.3314,
0.3242

■ 24.8311, 0.3314,
0.3242

■ 20.6921, 0.3502,
0.3201

■ 29.6077, 0.3161,
0.3281

■ 17.1604, 0.3734,
0.3159

■ 35.0437, 0.3037,
0.3316

■ 14.2086, 0.4016,
0.3119

■ 41.1641, 0.2937,
0.3349

■ 11.8053, 0.4351,
0.3084

■ 47.9916, 0.2854,
0.3379

■ 9.9168, 0.4736,
0.3060

■ 55.5479, 0.2787,
0.3406

■ 8.5051, 0.5154,
0.3055

■ 63.8535, 0.2731,
0.3430

■ 7.5273, 0.5568,
0.3076

■ 72.9285, 0.2684,
0.3452

■ 6.9325, 0.5928,
0.3124

■ 82.7919, 0.2645,
0.3473

■ 6.6414, 0.6147,
0.3160

■ 84.9632, 0.2590,
0.3351

Harmonies

Analogous

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



24.8311, 0.3194, 0.3140



24.8311, 0.3314, 0.3242



24.8311, 0.3384, 0.3358

Triad

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



24.8311, 0.3314, 0.3242



24.8311, 0.3192, 0.3516



24.8311, 0.2877, 0.3115

Complementary

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



24.8311, 0.3314, 0.3242



29.1668, 0.2967, 0.3339

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.



24.8311, 0.2877, 0.3213



24.8311, 0.3314, 0.3242



24.8311, 0.3057, 0.3448

Square

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



24.8311, 0.3314, 0.3242



24.8311, 0.3312, 0.3519



24.8311, 0.2943, 0.3336



24.8311, 0.2943, 0.3066

Rectangle

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



24.8311, 0.3314, 0.3242



24.8311, 0.3391, 0.3430



24.8311, 0.2943, 0.3336



24.8311, 0.2870, 0.3143

Sweetspot

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



24.8322, 0.3314, 0.3242



51.6676, 0.3183, 0.3275



25.0180, 0.3106, 0.2987



11.5997, 0.3193, 0.3272



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.



24.8322, 0.3314, 0.3242



42.3437, 0.3362, 0.3231



26.5150, 0.3334, 0.3393



6.2378, 0.3260, 0.3255



5.6556, 0.6135, 0.3153



0.0881, 0.5300, 0.2693

Inverse Universe

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



24.8322, 0.3314, 0.3242



42.3437, 0.3362, 0.3231



27.2840, 0.2939, 0.3185



6.2378, 0.3260, 0.3255



5.6556, 0.6135, 0.3153



0.0881, 0.5300, 0.2693

Previews

White Background



This preview shows how the Yxy color 24.8311, 0.3314, 0.3242 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 24.8311, 0.3314, 0.3242 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 24.8311, 0.3314, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 24.8311, 0.3314, 0.3242.



This preview shows how white text looks on a background with the Yxy color 24.8311, 0.3314, 0.3242.

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

24.8311, 0.3314, 0.3242

Protanopia

24.9034, 0.3150, 0.3273

Deuteranopia

24.7358, 0.3303, 0.3242



Tritanopia

24.8311, 0.3261, 0.3130

Trichromacy



Original Color

24.8311, 0.3314, 0.3242

Protanomaly

24.9452, 0.3207, 0.3274

Deuteranomaly

24.7358, 0.3303, 0.3242

Tritanomaly

24.7721, 0.3283, 0.3162

Monochromacy



Original Color

24.8311, 0.3314, 0.3242

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2541, 0.3195, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8311, 0.3314, 0.3242 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, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(151, 132, 135)  
}
```

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, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 132, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.8311, 0.3314, 0.3242 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, 132, 135) }
```

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

```
.border{ border-color:rgb(151, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(151, 132,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8311, 0.3314, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 132, 135) }
```

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

```
.background{ background-color: rgb(151,  
132, 135) }
```

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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