

Converting Colors

$Yxy(24.9854, 0.3494, 0.3381)$

Have a look what the booklet for
Yxy(24.9854, 0.3494, 0.3381)
contains.

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Color

Yxy(24.9071, 0.3490, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	9D837E
RGB	157, 131, 126
RGB Percent	62%, 51%, 49%
CMY	0.3843, 0.4863, 0.5058
CMYK	0.00, 0.17, 0.20, 0.38
HSL	10°, 14%, 55%
HSV	10°, 20%, 62%
XYZ	25.7863, 24.9071, 23.1929
YIQ	138.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

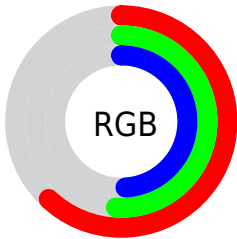
Format	Color
R _Y B	157, 132, 126
Decimal	10322814
CIE Lab	56.98, 9.09, 6.39
CIE LCh	57, 11.116, 35.105
Yxy	24.9071, 0.3490, 0.3371
Android (android.graphics.Color)	4288512894 (0xFF9D837E)
YUV	138.2040, -6.0166, 16.4841
Hunter-Lab	49.9070, 4.8915, 7.3815

Details

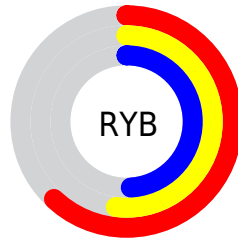
The Yxy color **24.9071, 0.3490, 0.3371** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3285, 0.2835, 0.3207**, and the grayscale version is **25.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5327, 0.3409, 0.3351**, and **9.5737, 0.3625, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **21.2180, 0.3733, 0.3415**, and if you desaturate by 10%, it is **29.1119, 0.3289, 0.3329**.

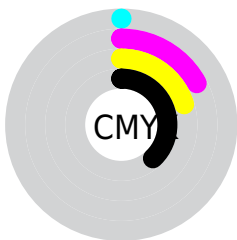
Distribution



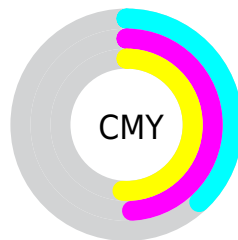
- Red (62%)
- Green (51%)
- Blue (49%)



- Red (62%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9071, 0.3490, 0.3371 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 24.9071, 0.3490, 0.3371 by changing the saturation by 10% instead.


 24.9071, 0.3490,
0.3371


 24.9071, 0.3490,
0.3371


277.3750, 0.3288,
0.3329


 16.0079, 0.3548,
0.3382


 51.5065, 0.3411,
0.3355

 9.5297, 0.3629,
0.3396


 69.9754, 0.3383,
0.3350

 5.0883, 0.3748,
0.3415

 92.4030, 0.3360,
0.3345

 2.2991, 0.3939,
0.3441

119.1737, 0.3341,
0.3341

 0.7733, 0.4517,
0.3629

150.6718, 0.3325,
0.3337

 0.0000, 0.0000,
0.0000

187.2818, 0.3311,

0.3334

229.3881, 0.3299,
0.3331

■ 24.9071, 0.3490,
0.3371

■ 24.9071, 0.3490,
0.3371

■ 21.2180, 0.3733,
0.3415

■ 29.1119, 0.3289,
0.3329

■ 18.0214, 0.4025,
0.3459

■ 33.8476, 0.3123,
0.3289

■ 15.2973, 0.4367,
0.3499

■ 39.1331, 0.2986,
0.3253

■ 13.0233, 0.4757,
0.3529

■ 44.9854, 0.2873,
0.3219

■ 11.1747, 0.5176,
0.3543

■ 51.4207, 0.2778,
0.3189

■ 9.7248, 0.5589,
0.3532

■ 58.4545, 0.2699,
0.3162

■ 8.6435, 0.5947,
0.3493

■ 66.1017, 0.2633,
0.3137

■ 7.8910, 0.6219,
0.3440

■ 74.3769, 0.2576,
0.3115

■ 7.8746, 0.6226,
0.3439

■ 82.4754, 0.2583,
0.3228

Harmonies

Analogous

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



24.9071, 0.3382, 0.3207



24.9071, 0.3490, 0.3371



24.9071, 0.3497, 0.3520

Triad

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



24.9071, 0.3490, 0.3371



24.9071, 0.3042, 0.3529



24.9071, 0.2854, 0.2975

Complementary

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



24.9071, 0.3490, 0.3371



29.3285, 0.2835, 0.3207

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.



24.9071, 0.2770, 0.3048



24.9071, 0.3490, 0.3371



24.9071, 0.2876, 0.3369

Square

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



24.9071, 0.3490, 0.3371



24.9071, 0.3234, 0.3619



24.9071, 0.2778, 0.3191



24.9071, 0.3012, 0.2983

Rectangle

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



24.9071, 0.3490, 0.3371



24.9071, 0.3444, 0.3591



24.9071, 0.2778, 0.3191



24.9071, 0.2816, 0.2990

Sweetspot

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



24.9082, 0.3490, 0.3371



55.0965, 0.3225, 0.3314



24.3719, 0.3200, 0.2882



12.0160, 0.3235, 0.3316



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.9082, 0.3490, 0.3371



41.3729, 0.3599, 0.3392



29.2782, 0.3446, 0.3607



6.8102, 0.3280, 0.3327



6.4345, 0.6215, 0.3447



0.1576, 0.5651, 0.3895

Inverse Universe

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



29.3285, 0.2835, 0.3207



50.8641, 0.2768, 0.3186



24.7222, 0.2820, 0.2952



7.3275, 0.2988, 0.3253



15.3628, 0.2106, 0.2780



0.3190, 0.2168, 0.3004

Previews

White Background



This preview shows how the Yxy color 24.9071, 0.3490, 0.3371 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 24.9071, 0.3490, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

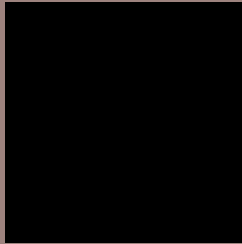
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9071, 0.3490, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 24.9071, 0.3490, 0.3371.



This preview shows how white text looks on a background with the Yxy color 24.9071, 0.3490, 0.3371.

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

24.9071, 0.3490, 0.3371

Protanopia

24.8560, 0.3257, 0.3409

Deuteranopia

24.8789, 0.3452, 0.3388



Tritanopia

24.9355, 0.3369, 0.3134

Trichromacy



Original Color

24.9071, 0.3490, 0.3371

Protanomaly

24.8118, 0.3341, 0.3390

Deuteranomaly

24.9774, 0.3463, 0.3388

Tritanomaly

24.9556, 0.3413, 0.3227

Monochromacy



Original Color

24.9071, 0.3490, 0.3371

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0689, 0.3251, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9071, 0.3490, 0.3371 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(157, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 126)  
}
```

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(157, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.9071, 0.3490, 0.3371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

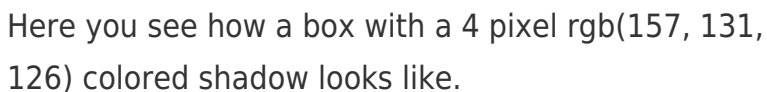
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 131, 126) }
```

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

```
.border{ border-color:rgb(157, 131, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); box-shadow:4px 4px 4px 4px rgb(157, 131, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9071, 0.3490, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 126) }
```

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

```
.background{ background-color: rgb(157,  
131, 126) }
```

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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