

Converting Colors

$Y_{xy}(24.4389, 0.3852, 0.3483)$

Have a look what the booklet for
Yxy(24.4389, 0.3852, 0.3483)
contains.

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Color

Yxy(24.4950, 0.3855, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	AB7D70
RGB	171, 125, 112
RGB Percent	67%, 49%, 44%
CMY	0.3293, 0.5098, 0.5607
CMYK	0.00, 0.27, 0.35, 0.33
HSL	13°, 26%, 55%
HSV	13°, 35%, 67%
XYZ	27.0568, 24.4950, 18.6344
YIQ	137.2720, 31.5890, 5.7090

Conversions

Conversions Part 2

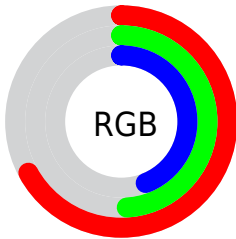
Format	Color
R_{YB}	171, 129, 112
Decimal	11238768
CIE Lab	56.58, 16.07, 14.10
CIE LCh	57, 21.377, 41.260
Yxy	24.4950, 0.3855, 0.3490
Android (android.graphics.Color)	4289428848 (0xFFAB7D70)
YUV	137.2720, -12.4591, 29.5795
Hunter-Lab	49.4924, 10.9716, 12.3214

Details

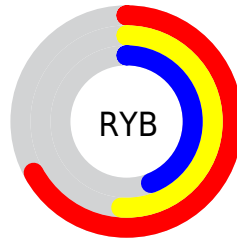
The Yxy color **24.4950, 0.3855, 0.3490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8539, 0.2621, 0.3078**, and the grayscale version is **25.1649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8520, 0.3688, 0.3454**, and **9.3210, 0.4133, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **20.9971, 0.4160, 0.3548**, and if you desaturate by 10%, it is **28.5212, 0.3596, 0.3429**.

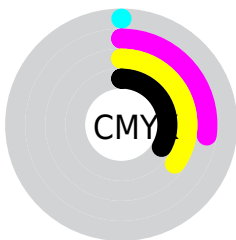
Distribution



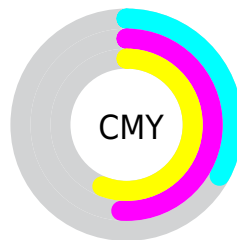
- Red (67%)
- Green (49%)
- Blue (44%)



- Red (67%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4950, 0.3855, 0.3490 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 24.4950, 0.3855, 0.3490 by changing the saturation by 10% instead.


 24.4950, 0.3855,
0.3490


 24.4950, 0.3855,
0.3490


275.3136, 0.3449,
0.3390


 15.7012, 0.3973,
0.3514


 50.8368, 0.3696,
0.3454


 9.3130, 0.4135,
0.3542


 69.1536, 0.3640,
0.3440

 4.9459, 0.4371,
0.3575

 91.4135, 0.3594,
0.3429

 2.2155, 0.4744,
0.3606

 118.0009, 0.3555,
0.3419

 0.7284, 0.6035,
0.3965

149.3002, 0.3522,
0.3410

 0.0000, 1.0000,
0.0000

185.6958, 0.3494,

 0.0000, 0.0000,

0.3402

0.0000

227.5721, 0.3470,
0.3396

■ 24.4950, 0.3855,
0.3490

■ 24.4950, 0.3855,
0.3490

■ 20.9971, 0.4160,
0.3548

■ 28.5212, 0.3596,
0.3429

■ 18.0020, 0.4511,
0.3599

■ 33.0930, 0.3379,
0.3370

■ 15.4871, 0.4898,
0.3633


■ 38.2312, 0.3198,
0.3314

■ 13.4269, 0.5299,
0.3641


■ 43.9543, 0.3048,
0.3262

■ 11.7931, 0.5677,
0.3615


■ 50.2801, 0.2923,
0.3214


 10.5543, 0.5987,
0.3552

 57.2256, 0.2818,
0.3171

 10.0226, 0.6130,
0.3515

 64.8072, 0.2730,
0.3131

 73.0405, 0.2655,
0.3095

 81.2166, 0.2643,
0.3179

Harmonies

Analogous

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



24.4950, 0.3679, 0.3187



24.4950, 0.3855, 0.3490



24.4950, 0.3820, 0.3765

Triad

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



24.4950, 0.3855, 0.3490



24.4950, 0.2884, 0.3708



24.4950, 0.2657, 0.2687

Complementary

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



24.4950, 0.3855, 0.3490



30.8539, 0.2621, 0.3078

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.



24.4950, 0.2472, 0.2780



24.4950, 0.3855, 0.3490



24.4950, 0.2596, 0.3363

Square

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



24.4950, 0.3855, 0.3490



24.4950, 0.3248, 0.3924



24.4950, 0.2450, 0.3020



24.4950, 0.2973, 0.2740

Rectangle

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



24.4950, 0.3855, 0.3490



24.4950, 0.3686, 0.3896



24.4950, 0.2450, 0.3020



24.4950, 0.2579, 0.2701

Sweetspot

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



24.4962, 0.3855, 0.3490



63.1059, 0.3297, 0.3345



22.7281, 0.3315, 0.2617



13.7972, 0.3322, 0.3353



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.4962, 0.3855, 0.3490



39.2433, 0.4071, 0.3533



33.0416, 0.3711, 0.3913



8.2905, 0.3281, 0.3341



7.6200, 0.6114, 0.3527



0.2912, 0.5553, 0.3973

Inverse Universe

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



30.8539, 0.2621, 0.3078



52.2484, 0.2525, 0.3027



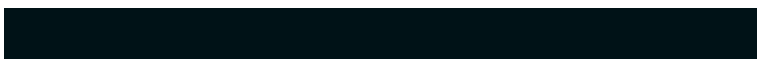
22.0165, 0.2556, 0.2575



8.7686, 0.2986, 0.3239



15.0213, 0.2049, 0.2577



0.4911, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 24.4950, 0.3855, 0.3490 looks on a white background.

Color Contrast Check

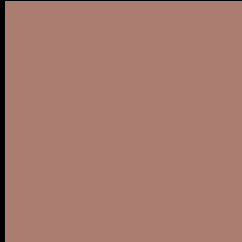
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4950, 0.3855, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

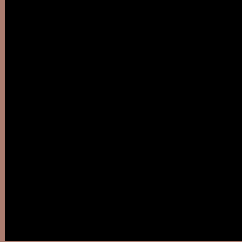
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4950, 0.3855, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 24.4950, 0.3855, 0.3490.



This preview shows how white text looks on a background with the Yxy color 24.4950, 0.3855, 0.3490.

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

24.4950, 0.3855, 0.3490

Protanopia

24.7323, 0.3410, 0.3613

Deuteranopia

24.6494, 0.3678, 0.3614



Tritanopia

24.4420, 0.3654, 0.3157

Trichromacy



Original Color

24.4950, 0.3855, 0.3490

Protanomaly

24.5126, 0.3566, 0.3570

Deuteranomaly

24.6347, 0.3748, 0.3576

Tritanomaly

24.3918, 0.3726, 0.3277

Monochromacy



Original Color

24.4950, 0.3855, 0.3490

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7231, 0.3367, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4950, 0.3855, 0.3490 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(171, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 112)  
}
```

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(171, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.4950, 0.3855, 0.3490 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(171, 125, 112) }
```

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

```
.border{ border-color:rgb(171, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 125, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 125, 112); box-shadow:4px 4px 4px 4px rgb(171, 125, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4950, 0.3855, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 112) }
```

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

```
.background{ background-color: rgb(171,  
125, 112) }
```

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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