

Converting Colors

$Y_{xy}(24.5492, 0.4413, 0.3904)$

Have a look what the booklet for
Yxy(24.5492, 0.4413, 0.3904)
contains.

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Color

Yxy(24.4287, 0.4409, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	B67A4F
RGB	182, 122, 79
RGB Percent	71%, 48%, 31%
CMY	0.2862, 0.5216, 0.6902
CMYK	0.00, 0.33, 0.57, 0.29
HSL	25°, 41%, 51%
HSV	25°, 57%, 71%
XYZ	27.6666, 24.4287, 10.6550
YIQ	135.0380, 49.5630, -0.6530

Conversions

Conversions Part 2

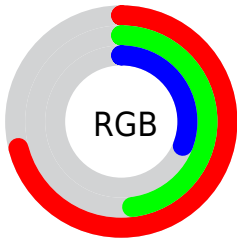
Format	Color
R_{YB}	182, 153, 79
Decimal	11958863
CIE Lab	56.51, 18.80, 32.86
CIE LCh	57, 37.861, 60.220
Yxy	24.4287, 0.4409, 0.3893
Android (android.graphics.Color)	4290148943 (0xFFB67A4F)
YUV	135.0380, -27.6267, 41.1857
Hunter-Lab	49.4254, 13.4236, 21.8162

Details

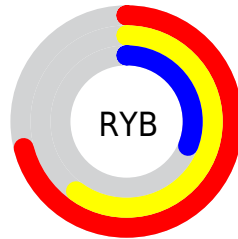
The Yxy color **24.4287, 0.4409, 0.3893** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.5168, 0.2269, 0.2553**, and the grayscale version is **24.3350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9457, 0.4141, 0.3797**, and **9.3105, 0.4851, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **21.7361, 0.4718, 0.3965**, and if you desaturate by 10%, it is **27.4806, 0.4117, 0.3797**.

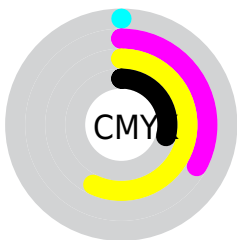
Distribution



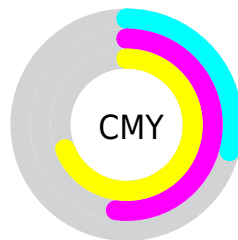
- Red (71%)
- Green (48%)
- Blue (31%)



- Red (71%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4287, 0.4409, 0.3893 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 24.4287, 0.4409, 0.3893 by changing the saturation by 10% instead.


 24.4287, 0.4409,
0.3893


 24.4287, 0.4409,
0.3893


274.9807, 0.3704,
0.3600


 15.6519, 0.4601,
0.3954


 50.7289, 0.4140,
0.3793


 9.2782, 0.4851,
0.4018


 69.0211, 0.4042,
0.3753

 4.9231, 0.5186,
0.4071


 91.2539, 0.3962,
0.3718

 2.2022, 0.5810,
0.4190

 117.8117, 0.3894,
0.3688

 0.7212, 0.6211,
0.3789

 149.0789, 0.3836,
0.3662

 0.0000, 1.0000,
0.0000

185.4398, 0.3786,

 0.0000, 0.0000,

0.3639

0.0000

227.2790, 0.3742,
0.3618

■ 24.4287, 0.4409,
0.3893

■ 24.4287, 0.4409,
0.3893

■ 21.7361, 0.4718,
0.3965

■ 27.4806, 0.4117,
0.3797

■ 19.3840, 0.5028,
0.4001

■ 30.9023, 0.3852,
0.3689

■ 17.3570, 0.5318,
0.3989

■ 34.7082, 0.3616,
0.3576

■ 15.6354, 0.5566,
0.3925

■ 38.9107, 0.3410,
0.3464

■ 15.1106, 0.5646,
0.3899

■ 43.5216, 0.3231,
0.3357

■ 48.5524, 0.3077,
0.3257

■ 54.0137, 0.2945,
0.3164

■ 59.9160, 0.2831,
0.3078

■ 66.2694, 0.2733,
0.3000

Harmonies

Analogous

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



24.4287, 0.4352, 0.3396



24.4287, 0.4409, 0.3893



24.4287, 0.4094, 0.4314

Triad

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



24.4287, 0.4409, 0.3893



24.4287, 0.2357, 0.3652



24.4287, 0.2626, 0.2314

Complementary

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



24.4287, 0.4409, 0.3893



23.5168, 0.2269, 0.2553

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.



24.4287, 0.2183, 0.2294



24.4287, 0.4409, 0.3893



24.4287, 0.2037, 0.2986

Square

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



24.4287, 0.4409, 0.3893



24.4287, 0.2900, 0.4257



24.4287, 0.1982, 0.2511



24.4287, 0.3256, 0.2538

Rectangle

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



24.4287, 0.4409, 0.3893



24.4287, 0.3740, 0.4473



24.4287, 0.1982, 0.2511



24.4287, 0.2454, 0.2283

Sweetspot

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



24.4299, 0.4409, 0.3893



69.9738, 0.3423, 0.3472



17.4078, 0.3791, 0.2466



15.1085, 0.3462, 0.3494



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.4299, 0.4409, 0.3893



38.2493, 0.4798, 0.3978



40.5684, 0.3986, 0.4525



9.6115, 0.3278, 0.3386



10.7931, 0.5626, 0.3915



0.5034, 0.5168, 0.4278

Inverse Universe

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



23.5168, 0.2269, 0.2553



36.3517, 0.2112, 0.2353



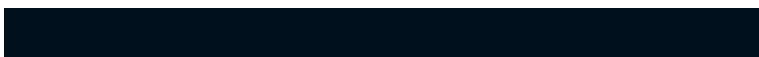
11.9533, 0.2076, 0.1641



9.5654, 0.2985, 0.3192



9.8063, 0.1856, 0.1882



0.4650, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 24.4287, 0.4409, 0.3893 looks on a white background.

Color Contrast Check

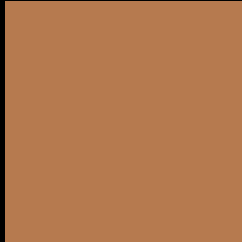
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4287, 0.4409, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

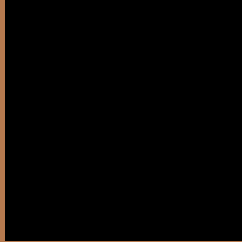
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4287, 0.4409, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 24.4287, 0.4409, 0.3893.



This preview shows how white text looks on a background with the Yxy color 24.4287, 0.4409, 0.3893.

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

24.4287, 0.4409, 0.3893

Protanopia

24.5443, 0.3827, 0.4153

Deuteranopia

24.6081, 0.4167, 0.4094



Tritanopia

24.2857, 0.3903, 0.3164

Trichromacy



Original Color

24.4287, 0.4409, 0.3893

Protanomaly

24.3154, 0.4032, 0.4062

Deuteranomaly

24.4995, 0.4256, 0.4013

Tritanomaly

24.2299, 0.4106, 0.3436

Monochromacy



Original Color

24.4287, 0.4409, 0.3893

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.8785, 0.3561, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4287, 0.4409, 0.3893 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(182, 122, 79)` looks like.

```
.text, #text, p{  
    color:rgb(182, 122, 79)  
}
```

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(182, 122, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 122, 79) }
```

Border

The CSS property to change the border of an element to Yxy 24.4287, 0.4409, 0.3893 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(182, 122, 79) }
```

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

```
.border{ border-color:rgb(182, 122, 79) }
```

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

Here you see how a box with a 4 pixel rgb(182, 122, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 122, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 122, 79);  
box-shadow:4px 4px 4px 4px rgb(182, 122,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4287, 0.4409, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 122, 79) }
```

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

```
.background{ background-color: rgb(182,  
122, 79) }
```

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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