

Converting Colors

$Y_{xy}(23.7032, 0.4436, 0.3852)$

Have a look what the booklet for
Yxy(23.7032, 0.4436, 0.3852)
contains.

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Color

Yxy(23.7032, 0.4436, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	B6774F
RGB	182, 119, 79
RGB Percent	71%, 47%, 31%
CMY	0.2863, 0.5333, 0.6902
CMYK	0.00, 0.35, 0.57, 0.29
HSL	23°, 41%, 51%
HSV	23°, 57%, 71%
XYZ	27.2968, 23.7032, 10.5348
YIQ	133.2770, 50.3880, 0.9160

Conversions

Conversions Part 2

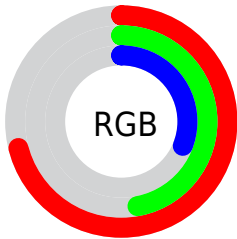
Format	Color
R_{YB}	182, 144, 79
Decimal	11958095
CIE _{Lab}	55.79, 20.45, 31.96
CIE _{LCh}	56, 37.940, 57.389
Yxy	23.7032, 0.4436, 0.3852
Android (android.graphics.Color)	4290148175 (0xFFB6774F)
YUV	133.2770, -26.7586, 42.7301
Hunter-Lab	48.6859, 14.8795, 21.2509

Details

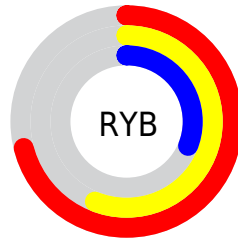
The Yxy color **23.7032, 0.4436, 0.3852** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.3788, 0.2281, 0.2606**, and the grayscale version is **23.6483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7908, 0.4158, 0.3765**, and **8.9257, 0.4904, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **20.9787, 0.4757, 0.3918**, and if you desaturate by 10%, it is **26.8128, 0.4134, 0.3763**.

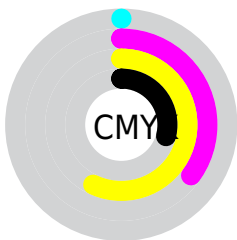
Distribution



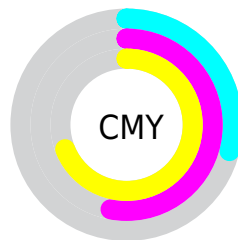
- Red (71%)
- Green (47%)
- Blue (31%)



- Red (71%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (29%)




- Cyan (29%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7032, 0.4436, 0.3852 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 23.7032, 0.4436, 0.3852 by changing the saturation by 10% instead.


 23.7032, 0.4436,
0.3852


 23.7032, 0.4436,
0.3852


271.3165, 0.3712,
0.3581


 15.1136, 0.4635,
0.3906


 49.5454, 0.4158,
0.3761

 8.8992, 0.4897,
0.3961


 67.5669, 0.4058,
0.3724

 4.6755, 0.5251,
0.4001

 89.5010, 0.3975,
0.3692

 2.0581, 0.5906,
0.4094

 115.7323, 0.3905,
0.3664

 0.6409, 0.6396,
0.3604

 146.6451, 0.3846,
0.3639

 0.0000, 1.0000,
0.0000

182.6238, 0.3795,

 0.0000, 0.0000,

0.3618

0.0000

224.0528, 0.3751,
0.3598

■ 23.7032, 0.4436,
0.3852

■ 23.7032, 0.4436,
0.3852

■ 20.9787, 0.4757,
0.3918

■ 26.8128, 0.4134,
0.3763

■ 18.6190, 0.5082,
0.3948

■ 30.3196, 0.3861,
0.3662

■ 16.6070, 0.5385,
0.3930

■ 34.2391, 0.3620,
0.3556

■ 14.9212, 0.5644,
0.3862

■ 38.5853, 0.3411,
0.3452

■ 14.4114, 0.5727,
0.3835

■ 43.3711, 0.3231,
0.3352

■ 48.6090, 0.3077,
0.3259

■ 54.3110, 0.2945,
0.3172

■ 60.4885, 0.2832,
0.3093

■ 67.1527, 0.2735,
0.3020

Harmonies

Analogous

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



23.7032, 0.4340, 0.3349



23.7032, 0.4436, 0.3852



23.7032, 0.4148, 0.4292

Triad

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



23.7032, 0.4436, 0.3852



23.7032, 0.2391, 0.3723



23.7032, 0.2569, 0.2292

Complementary

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



23.7032, 0.4436, 0.3852



24.3788, 0.2281, 0.2606

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.



23.7032, 0.2143, 0.2293



23.7032, 0.4436, 0.3852



23.7032, 0.2044, 0.3039

Square

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



23.7032, 0.4436, 0.3852



23.7032, 0.2956, 0.4313



23.7032, 0.1964, 0.2536



23.7032, 0.3192, 0.2501

Rectangle

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



23.7032, 0.4436, 0.3852



23.7032, 0.3802, 0.4474



23.7032, 0.1964, 0.2536



23.7032, 0.2401, 0.2268

Sweetspot

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



23.7044, 0.4436, 0.3852



69.3897, 0.3425, 0.3459



17.5044, 0.3737, 0.2423



14.9670, 0.3465, 0.3480



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.



23.7044, 0.4436, 0.3852



36.8821, 0.4841, 0.3929



39.2457, 0.4011, 0.4488



9.5691, 0.3278, 0.3379



10.3001, 0.5706, 0.3851



0.4846, 0.5228, 0.4231

Inverse Universe

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



24.3788, 0.2281, 0.2606



38.1211, 0.2128, 0.2421



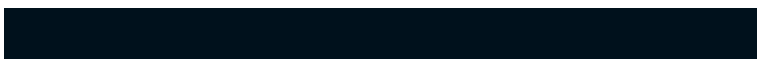
12.5251, 0.2088, 0.1697



9.6088, 0.2985, 0.3199



10.5911, 0.1884, 0.1982



0.4897, 0.1988, 0.2358

Previews

White Background



This preview shows how the Yxy color 23.7032, 0.4436, 0.3852 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 23.7032, 0.4436, 0.3852 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 23.7032, 0.4436, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 23.7032, 0.4436, 0.3852.



This preview shows how white text looks on a background with the Yxy color 23.7032, 0.4436, 0.3852.

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

23.7032, 0.4436, 0.3852

Protanopia

23.8171, 0.3805, 0.4116

Deuteranopia

23.7607, 0.4148, 0.4079



Tritanopia

23.7541, 0.3952, 0.3179

Trichromacy



Original Color

23.7032, 0.4436, 0.3852

Protanomaly

23.6960, 0.4024, 0.4022

Deuteranomaly

23.7633, 0.4249, 0.3993

Tritanomaly

23.7217, 0.4144, 0.3436

Monochromacy



Original Color

23.7032, 0.4436, 0.3852

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.2099, 0.3580, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7032, 0.4436, 0.3852 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, 119, 79)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 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, 119, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 79) }
```

Border

The CSS property to change the border of an element to Yxy 23.7032, 0.4436, 0.3852 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, 119, 79) }
```

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

```
.border{ border-color:rgb(182, 119, 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, 119, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 79);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7032, 0.4436, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 79) }
```

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

```
.background{ background-color: rgb(182,  
119, 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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