

Converting Colors

$Y_{xy}(23.1244, 0.4056, 0.3795)$

Have a look what the booklet for
Yxy(23.1244, 0.4056, 0.3795)
contains.

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Color

Yxy(23.0282, 0.4064, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	A67B5B
RGB	166, 123, 91
RGB Percent	65%, 48%, 36%
CMY	0.3491, 0.5176, 0.6432
CMYK	0.00, 0.26, 0.45, 0.35
HSL	26°, 30%, 50%
HSV	26°, 45%, 65%
XYZ	24.6930, 23.0282, 13.0392
YIQ	132.2090, 35.9000, -0.8360

Conversions

Conversions Part 2

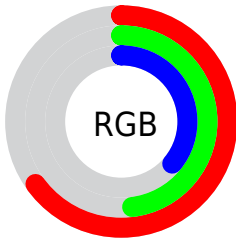
Format	Color
R_{YB}	166, 147, 91
Decimal	10910555
CIE Lab	55.10, 12.57, 24.01
CIE LCh	55, 27.100, 62.362
Yxy	23.0282, 0.4064, 0.3790
Android (android.graphics.Color)	4289100635 (0xFFA67B5B)
YUV	132.2090, -20.3160, 29.6347
Hunter-Lab	47.9877, 7.8723, 17.4812

Details

The Yxy color **23.0282, 0.4064, 0.3790** is a dark color, and the websafe version is hex **996633**, and the color name is **café au lait**. A complement of this color would be **22.0133, 0.2434, 0.2718**, and the grayscale version is **23.2188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6617, 0.3865, 0.3705**, and **8.5318, 0.4414, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **20.5276, 0.4346, 0.3891**, and if you desaturate by 10%, it is **25.8236, 0.3807, 0.3679**.

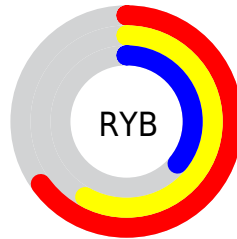
Distribution



Red (65%)

Green (48%)

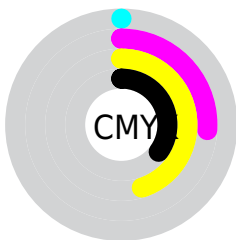
Blue (36%)



Red (65%)

Yellow (58%)

Blue (36%)

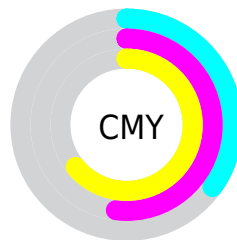


Cyan (0%)

Magenta (26%)

Yellow (45%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0282, 0.4064, 0.3790 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 23.0282, 0.4064, 0.3790 by changing the saturation by 10% instead.


 23.0282, 0.4064,
0.3790


 23.0282, 0.4064,
0.3790


267.8698, 0.3540,
0.3530


 14.6143, 0.4214,
0.3855


 48.4396, 0.3860,
0.3695


 8.5492, 0.4417,
0.3934


 66.2060, 0.3787,
0.3659

 4.4483, 0.4703,
0.4029

 87.8586, 0.3728,
0.3629

 1.9274, 0.5367,
0.4315

 113.7819, 0.3678,
0.3603

 0.5648, 0.5990,
0.4010

144.3603, 0.3636,
0.3581

 0.0000, 0.0000,
0.0000

179.9781, 0.3599,

0.3561

221.0198, 0.3568,
0.3544

■ 23.0282, 0.4064,
0.3790

■ 23.0282, 0.4064,
0.3790

■ 20.5276, 0.4346,
0.3891

■ 25.8236, 0.3807,
0.3679

■ 18.3078, 0.4647,
0.3970

■ 28.9205, 0.3580,
0.3564

■ 16.3582, 0.4951,
0.4015

■ 32.3296, 0.3380,
0.3451

■ 14.6664, 0.5240,
0.4015

■ 36.0599, 0.3207,
0.3343

■ 13.2179, 0.5492,
0.3964

■ 40.1202, 0.3058,
0.3242

■ 12.5958, 0.5606,
0.3930

■ 44.5186, 0.2929,
0.3149

■ 49.2633, 0.2818,
0.3063

■ 54.3620, 0.2722,
0.2984

■ 59.8221, 0.2638,
0.2912

Harmonies

Analogous

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



23.0282, 0.4032, 0.3418



23.0282, 0.4064, 0.3790



23.0282, 0.3829, 0.4073

Triad

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



23.0282, 0.4064, 0.3790



23.0282, 0.2537, 0.3522



23.0282, 0.2791, 0.2556

Complementary

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



23.0282, 0.4064, 0.3790



22.0133, 0.2434, 0.2718

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.



23.0282, 0.2437, 0.2537



23.0282, 0.4064, 0.3790



23.0282, 0.2299, 0.3053

Square

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



23.0282, 0.4064, 0.3790



23.0282, 0.2940, 0.3951



23.0282, 0.2265, 0.2703



23.0282, 0.3264, 0.2739

Rectangle

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



23.0282, 0.4064, 0.3790



23.0282, 0.3565, 0.4156



23.0282, 0.2265, 0.2703



23.0282, 0.2656, 0.2530

Sweetspot

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



23.0293, 0.4064, 0.3790



59.2906, 0.3363, 0.3441



17.3271, 0.3605, 0.2623



12.9661, 0.3402, 0.3464



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.0293, 0.4064, 0.3790



37.3420, 0.4341, 0.3889



33.9065, 0.3819, 0.4298



8.0494, 0.3275, 0.3387



9.8597, 0.5591, 0.3943



0.3421, 0.5024, 0.4393

Inverse Universe

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



22.0133, 0.2434, 0.2718



35.2403, 0.2293, 0.2566



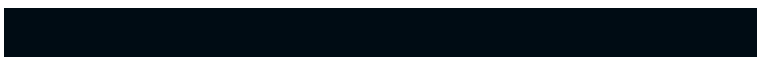
13.5702, 0.2315, 0.2028



7.9872, 0.2987, 0.3191



8.5906, 0.1848, 0.1854



0.3074, 0.1995, 0.2380

Previews

White Background



This preview shows how the Yxy color 23.0282, 0.4064, 0.3790 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 23.0282, 0.4064, 0.3790 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 23.0282, 0.4064, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 23.0282, 0.4064, 0.3790.



This preview shows how white text looks on a background with the Yxy color 23.0282, 0.4064, 0.3790.

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

23.0282, 0.4064, 0.3790

Protanopia

23.0795, 0.3658, 0.3932

Deuteranopia

22.9290, 0.3954, 0.3873



Tritanopia

22.9242, 0.3669, 0.3154

Trichromacy



Original Color

23.0282, 0.4064, 0.3790

Protanomaly

23.0880, 0.3799, 0.3875

Deuteranomaly

22.9825, 0.3999, 0.3849

Tritanomaly

22.9727, 0.3817, 0.3385

Monochromacy



Original Color

23.0282, 0.4064, 0.3790

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9142, 0.3443, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0282, 0.4064, 0.3790 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(166, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 123, 91)  
}
```

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(166, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 123, 91) }
```

Border

The CSS property to change the border of an element to Yxy 23.0282, 0.4064, 0.3790 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(166, 123, 91) }
```

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

```
.border{ border-color:rgb(166, 123, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 123, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 123,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0282, 0.4064, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 123, 91) }
```

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

```
.background{ background-color: rgb(166,  
123, 91) }
```

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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