

Converting Colors

$Y_{xy}(23.6328, 0.3974, 0.3846)$

Have a look what the booklet for
Yxy(23.6328, 0.3974, 0.3846)
contains.

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Color

Yxy(23.6328, 0.3974, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	A27F5C
RGB	162, 127, 92
RGB Percent	64%, 50%, 36%
CMY	0.3647, 0.5019, 0.6393
CMYK	0.00, 0.22, 0.43, 0.36
HSL	30°, 28%, 50%
HSV	30°, 43%, 64%
XYZ	24.4193, 23.6328, 13.3956
YIQ	133.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

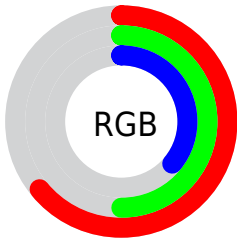
Format	Color
R_{YB}	162, 162, 92
Decimal	10649436
CIE Lab	55.72, 8.73, 24.18
CIE LCh	56, 25.708, 70.151
Yxy	23.6328, 0.3974, 0.3846
Android (android.graphics.Color)	4288839516 (0xFFA27F5C)
YUV	133.4750, -20.4472, 25.0164
Hunter-Lab	48.6136, 4.5895, 17.6920

Details

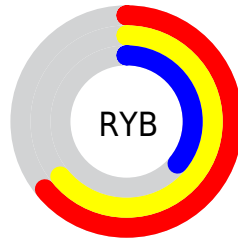
The Yxy color **23.6328, 0.3974, 0.3846** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.0522, 0.2448, 0.2651**, and the grayscale version is **23.7050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5311, 0.3785, 0.3735**, and **8.8895, 0.4302, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **21.3726, 0.4228, 0.3967**, and if you desaturate by 10%, it is **26.1238, 0.3740, 0.3715**.

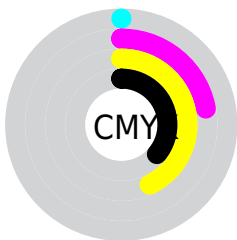
Distribution



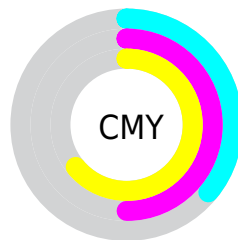
- Red (64%)
- Green (50%)
- Blue (36%)



- Red (64%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6328, 0.3974, 0.3846 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 23.6328, 0.3974, 0.3846 by changing the saturation by 10% instead.


 23.6328, 0.3974,
0.3846


 23.6328, 0.3974,
0.3846


270.9587, 0.3504,
0.3551


 15.0615, 0.4107,
0.3922


 49.4303, 0.3791,
0.3736


 8.8625, 0.4287,
0.4019


 67.4253, 0.3726,
0.3695

 4.6516, 0.4539,
0.4142

 89.3302, 0.3673,
0.3661

 2.0443, 0.5099,
0.4456

 115.5296, 0.3628,
0.3633

 0.6330, 0.5628,
0.4372

146.4077, 0.3590,
0.3608

 0.0000, 0.0000,
0.0000

182.3490, 0.3557,

0.3586

223.7379, 0.3529,
0.3568

■ 23.6328, 0.3974,
0.3846

■ 23.6328, 0.3974,
0.3846

■ 21.3726, 0.4228,
0.3967

■ 26.1238, 0.3740,
0.3715

■ 19.3320, 0.4496,
0.4068

■ 28.8497, 0.3528,
0.3583

■ 17.5038, 0.4766,
0.4137

■ 31.8184, 0.3341,
0.3452

■ 15.8787, 0.5023,
0.4163

■ 35.0365, 0.3176,
0.3328

■ 14.4463, 0.5250,
0.4138

■ 38.5106, 0.3031,
0.3212

■ 13.5723, 0.5392,
0.4101

■ 42.2465, 0.2905,
0.3104

■ 46.2501, 0.2796,
0.3004

■ 50.5271, 0.2700,
0.2913

■ 55.0829, 0.2616,
0.2830

Harmonies

Analogous

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



23.6328, 0.4012, 0.3508



23.6328, 0.3974, 0.3846



23.6328, 0.3701, 0.4070

Triad

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



23.6328, 0.3974, 0.3846



23.6328, 0.2495, 0.3391



23.6328, 0.2921, 0.2627

Complementary

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



23.6328, 0.3974, 0.3846



20.0522, 0.2448, 0.2651

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.



23.6328, 0.2548, 0.2567



23.6328, 0.3974, 0.3846



23.6328, 0.2317, 0.2969

Square

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



23.6328, 0.3974, 0.3846



23.6328, 0.2843, 0.3819



23.6328, 0.2337, 0.2679



23.6328, 0.3378, 0.2835

Rectangle

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



23.6328, 0.3974, 0.3846



23.6328, 0.3431, 0.4103



23.6328, 0.2337, 0.2679



23.6328, 0.2782, 0.2589

Sweetspot

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



23.6339, 0.3974, 0.3846



57.7547, 0.3341, 0.3453



16.8637, 0.3664, 0.2739



12.7059, 0.3379, 0.3480



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



23.6339, 0.3974, 0.3846



38.8942, 0.4223, 0.3964



34.2900, 0.3756, 0.4329



7.6440, 0.3273, 0.3403



10.7802, 0.5379, 0.4111



0.3210, 0.4850, 0.4531

Inverse Universe

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



20.0522, 0.2448, 0.2651



31.5107, 0.2297, 0.2474



12.5341, 0.2338, 0.1986



7.4173, 0.2987, 0.3175



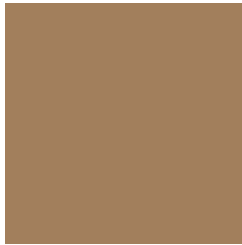
6.7715, 0.1780, 0.1608



0.2368, 0.1965, 0.2272

Previews

White Background



This preview shows how the Yxy color 23.6328, 0.3974, 0.3846 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 23.6328, 0.3974, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

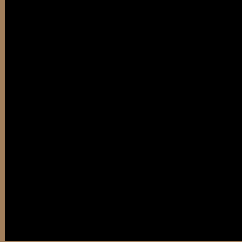
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6328, 0.3974, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 23.6328, 0.3974, 0.3846.



This preview shows how white text looks on a background with the Yxy color 23.6328, 0.3974, 0.3846.

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

23.6328, 0.3974, 0.3846

Protanopia

23.8057, 0.3673, 0.3957

Deuteranopia

23.6846, 0.3942, 0.3866



Tritanopia

23.6648, 0.3567, 0.3152

Trichromacy



Original Color

23.6328, 0.3974, 0.3846

Protanomaly

23.6201, 0.3787, 0.3907

Deuteranomaly

23.7881, 0.3955, 0.3864

Tritanomaly

23.6990, 0.3723, 0.3402

Monochromacy



Original Color

23.6328, 0.3974, 0.3846

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.4699, 0.3425, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6328, 0.3974, 0.3846 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(162, 127, 92)` looks like.

```
.text, #text, p{  
    color:rgb(162, 127, 92)  
}
```

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(162, 127, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 127, 92) }
```

Border

The CSS property to change the border of an element to Yxy 23.6328, 0.3974, 0.3846 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(162, 127, 92) }
```

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

```
.border{ border-color:rgb(162, 127, 92) }
```

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

Here you see how a box with a 4 pixel rgb(162, 127, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 127, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 127, 92);  
box-shadow:4px 4px 4px 4px rgb(162, 127,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6328, 0.3974, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 127, 92) }
```

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

```
.background{ background-color: rgb(162,  
127, 92) }
```

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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