

Converting Colors

$Y_{xy}(23.5608, 0.4436, 0.3425)$

Have a look what the booklet for
Yxy(23.5608, 0.4436, 0.3425)
contains.

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Color

Yxy(23.5739, 0.4431, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	C46D63
RGB	196, 109, 99
RGB Percent	77%, 43%, 39%
CMY	0.2313, 0.5726, 0.6118
CMYK	0.00, 0.44, 0.49, 0.23
HSL	6°, 45%, 58%
HSV	6°, 49%, 77%
XYZ	30.4892, 23.5739, 14.7457
YIQ	133.8730, 55.0620, 15.3340

Conversions

Conversions Part 2

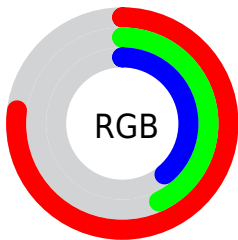
Format	Color
R _Y B	196, 110, 99
Decimal	12873059
CIE Lab	55.66, 33.40, 20.84
CIE LCh	56, 39.369, 31.966
Yxy	23.5739, 0.4431, 0.3426
Android (android.graphics.Color)	4291063139 (0xFFC46D63)
YUV	133.8730, -17.1924, 54.4854
Hunter-Lab	48.5530, 27.1227, 15.9805

Details

The Yxy color **23.5739, 0.4431, 0.3426** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.7642, 0.2456, 0.3140**, and the grayscale version is **23.8404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3027, 0.4138, 0.3419**, and **8.8648, 0.4939, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **19.8615, 0.4851, 0.3444**, and if you desaturate by 10%, it is **28.1299, 0.4063, 0.3400**.

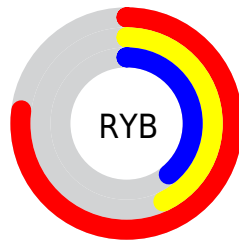
Distribution



Red (77%)

Green (43%)

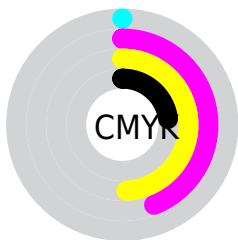
Blue (39%)



Red (77%)

Yellow (43%)

Blue (39%)

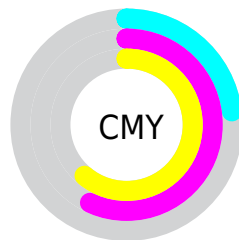


Cyan (0%)

Magenta (44%)

Yellow (49%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5739, 0.4431, 0.3426 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 23.5739, 0.4431, 0.3426 by changing the saturation by 10% instead.


 23.5739, 0.4431,
0.3426


 23.5739, 0.4431,
0.3426


270.6591, 0.3700,
0.3383


 15.0178, 0.4641,
0.3423


 49.3340, 0.4145,
0.3419

 8.8319, 0.4925,
0.3407


 67.3068, 0.4044,
0.3413

 4.6317, 0.5330,
0.3361

 89.1873, 0.3961,
0.3408

 2.0328, 0.6020,
0.3284

 115.3599, 0.3892,
0.3402

 0.6264, 0.7120,
0.2880

146.2090, 0.3833,
0.3397

 0.0000, 1.0000,
0.0000

182.1189, 0.3782,

 0.0000, 0.0000,

0.3392

0.0000

223.4742, 0.3738,
0.3387

■ 23.5739, 0.4431,
0.3426

■ 23.5739, 0.4431,
0.3426

■ 19.8615, 0.4851,
0.3444

■ 28.1299, 0.4063,
0.3400

■ 16.9374, 0.5299,
0.3450

■ 33.5732, 0.3753,
0.3372

■ 14.7454, 0.5730,
0.3437


■ 39.9487, 0.3497,
0.3343

■ 13.2203, 0.6081,
0.3404

■ 47.2973, 0.3289,
0.3315

■ 12.2800, 0.6312,
0.3364


■ 55.6575, 0.3119,
0.3289

 12.2459, 0.6322,
0.3362

 65.0655, 0.2981,
0.3265

 75.5560, 0.2868,
0.3243

 87.1096, 0.2779,
0.3233

 90.4783, 0.2784,
0.3289

Harmonies

Analogous

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



23.5739, 0.3988, 0.2928



23.5739, 0.4431, 0.3426



23.5739, 0.4463, 0.3943

Triad

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



23.5739, 0.4431, 0.3426



23.5739, 0.2847, 0.4285



23.5739, 0.2160, 0.2243

Complementary

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



23.5739, 0.4431, 0.3426



41.7642, 0.2456, 0.3140

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.



23.5739, 0.1936, 0.2451



23.5739, 0.4431, 0.3426



23.5739, 0.2291, 0.3628

Square

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



23.5739, 0.4431, 0.3426



23.5739, 0.3513, 0.4558



23.5739, 0.1976, 0.2931



23.5739, 0.2635, 0.2279

Rectangle

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



23.5739, 0.4431, 0.3426



23.5739, 0.4262, 0.4253



23.5739, 0.1976, 0.2931



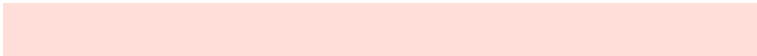
23.5739, 0.2056, 0.2283

Sweetspot

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



23.5751, 0.4431, 0.3426



77.8075, 0.3403, 0.3331



24.2194, 0.3292, 0.2207



16.0590, 0.3450, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



23.5751, 0.4431, 0.3426



35.7175, 0.4870, 0.3445



36.8237, 0.4083, 0.4051



10.2412, 0.3286, 0.3314



7.9281, 0.6307, 0.3374



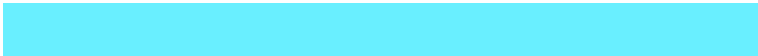
0.4000, 0.6022, 0.3600

Inverse Universe

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



41.7642, 0.2456, 0.3140



72.2178, 0.2356, 0.3103



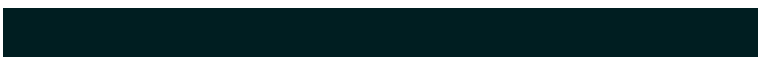
24.7593, 0.2309, 0.2365



11.2453, 0.2984, 0.3266



22.5350, 0.2157, 0.2966



1.0257, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 23.5739, 0.4431, 0.3426 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 23.5739, 0.4431, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

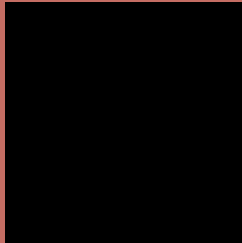
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5739, 0.4431, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 23.5739, 0.4431, 0.3426.



This preview shows how white text looks on a background with the Yxy color 23.5739, 0.4431, 0.3426.

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

23.5739, 0.4431, 0.3426

Protanopia

23.8387, 0.3470, 0.3705

Deuteranopia

23.6538, 0.3883, 0.3806



Tritanopia

23.6006, 0.4247, 0.3200

Trichromacy



Original Color

23.5739, 0.4431, 0.3426

Protanomaly

23.2849, 0.3804, 0.3596

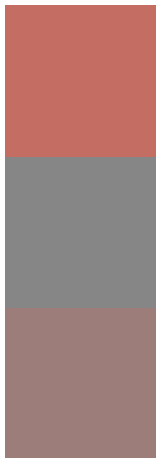
Deuteranomaly

23.3085, 0.4079, 0.3656

Tritanomaly

23.6996, 0.4311, 0.3280

Monochromacy



Original Color

23.5739, 0.4431, 0.3426

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2158, 0.3569, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5739, 0.4431, 0.3426 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(196, 109, 99)` looks like.

```
.text, #text, p{  
    color:rgb(196, 109, 99)  
}
```

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(196, 109, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 109, 99) }
```

Border

The CSS property to change the border of an element to Yxy 23.5739, 0.4431, 0.3426 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(196, 109, 99) }
```

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

```
.border{ border-color:rgb(196, 109, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 109, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 109, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 109, 99);  
box-shadow:4px 4px 4px 4px rgb(196, 109,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5739, 0.4431, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 109, 99) }
```

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

```
.background{ background-color: rgb(196,  
109, 99) }
```

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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