

Converting Colors

$Yxy(23.8962, 0.4530, 0.3397)$

Have a look what the booklet for
Yxy(23.8962, 0.4530, 0.3397)
contains.

Yxy(23.7465, 0.4535, 0.3396)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.7465, 0.4535, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CA6A62
RGB	202, 106, 98
RGB Percent	79%, 42%, 38%
CMY	0.2079, 0.5842, 0.6157
CMYK	0.00, 0.48, 0.51, 0.21
HSL	5°, 50%, 59%
HSV	5°, 51%, 79%
XYZ	31.7109, 23.7465, 14.4675
YIQ	133.7920, 59.7840, 17.8640

Conversions

Conversions Part 2

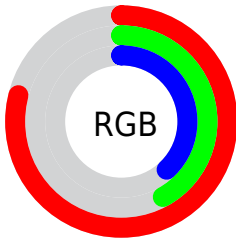
Format	Color
R_{YB}	202, 107, 98
Decimal	13265506
CIE Lab	55.83, 37.16, 21.79
CIE LCh	56, 43.079, 30.391
Yxy	23.7465, 0.4535, 0.3396
Android (android.graphics.Color)	4291455586 (0xFFCA6A62)
YUV	133.7920, -17.6455, 59.8184
Hunter-Lab	48.7304, 30.8794, 16.5088

Details

The Yxy color **23.7465, 0.4535, 0.3396** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.4229, 0.2443, 0.3172**, and the grayscale version is **23.8112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2262, 0.4162, 0.3398**, and **8.9007, 0.5080, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **19.9790, 0.4973, 0.3408**, and if you desaturate by 10%, it is **28.4477, 0.4147, 0.3378**.

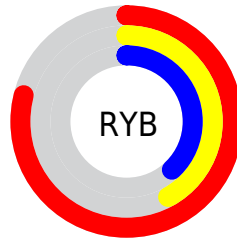
Distribution



Red (79%)

Green (42%)

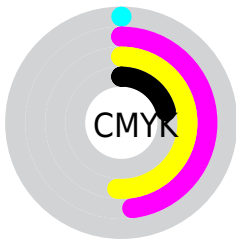
Blue (38%)



Red (79%)

Yellow (42%)

Blue (38%)

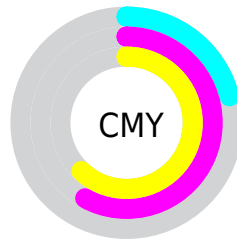


Cyan (0%)

Magenta (48%)

Yellow (51%)

Black (21%)



Cyan (21%)


Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.7465, 0.4535, 0.3396 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 23.7465, 0.4535, 0.3396 by changing the saturation by 10% instead.


 23.7465, 0.4535,
0.3396


 23.7465, 0.4535,
0.3396


271.5364, 0.3747,
0.3374


 15.1457, 0.4759,
0.3385


 49.6162, 0.4228,
0.3399


 8.9217, 0.5063,
0.3357


 67.6539, 0.4119,
0.3396

 4.6901, 0.5490,
0.3292


 89.6060, 0.4029,
0.3393

 2.0666, 0.6219,
0.3188

 115.8569, 0.3954,
0.3389

 0.6458, 0.7270,
0.2730

146.7910, 0.3891,
0.3385

 0.0000, 1.0000,
0.0000

182.7926, 0.3836,


 0.0000, 0.0000,

0.3381

0.0000


224.2463, 0.3789,
0.3378


 23.7465, 0.4535,
0.3396


 23.7465, 0.4535,
0.3396


 19.9790, 0.4973,
0.3408

 28.4477, 0.4147,
0.3378

 17.0795, 0.5432,
0.3408


 34.1351, 0.3818,
0.3356


 14.9795, 0.5855,
0.3394

 40.8620, 0.3548,
0.3334

 13.5987, 0.6177,
0.3366

 48.6765, 0.3328,
0.3313

 12.9115, 0.6348,
0.3341

 57.6239, 0.3150,
0.3293

■ 67.7469, 0.3006,
0.3275

■ 79.0859, 0.2889,
0.3258

■ 91.2932, 0.2816,
0.3289

Harmonies

Analogous

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



23.7465, 0.4030, 0.2869



23.7465, 0.4535, 0.3396



23.7465, 0.4586, 0.3953

Triad

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



23.7465, 0.4535, 0.3396



23.7465, 0.2852, 0.4417



23.7465, 0.2064, 0.2165

Complementary

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



23.7465, 0.4535, 0.3396



45.4229, 0.2443, 0.3172

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.



23.7465, 0.1839, 0.2396



23.7465, 0.4535, 0.3396



23.7465, 0.2243, 0.3700

Square

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



23.7465, 0.4535, 0.3396



23.7465, 0.3573, 0.4680



23.7465, 0.1895, 0.2925



23.7465, 0.2557, 0.2194

Rectangle

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



23.7465, 0.4535, 0.3396



23.7465, 0.4376, 0.4297



23.7465, 0.1895, 0.2925



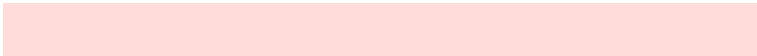
23.7465, 0.1958, 0.2211

Sweetspot

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



23.7477, 0.4535, 0.3396



77.2863, 0.3405, 0.3321



25.2308, 0.3261, 0.2133



15.9355, 0.3451, 0.3325



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.



23.7477, 0.4535, 0.3396



33.0793, 0.5036, 0.3409



37.5219, 0.4156, 0.4040



11.3504, 0.3288, 0.3308



8.3624, 0.6337, 0.3351



0.4809, 0.6136, 0.3510

Inverse Universe

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



45.4229, 0.2443, 0.3172



73.7390, 0.2342, 0.3143



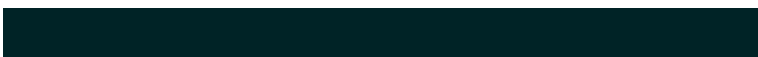
26.5218, 0.2286, 0.2375



12.5731, 0.2984, 0.3271



25.5142, 0.2180, 0.3049



1.3613, 0.2194, 0.3100

Previews

White Background



This preview shows how the Yxy color 23.7465, 0.4535, 0.3396 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 23.7465, 0.4535, 0.3396 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 23.7465, 0.4535, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 23.7465, 0.4535, 0.3396.



This preview shows how white text looks on a background with the Yxy color 23.7465, 0.4535, 0.3396.

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

23.7465, 0.4535, 0.3396

Protanopia

23.9487, 0.3471, 0.3686

Deuteranopia

23.9822, 0.3912, 0.3850



Tritanopia

23.7448, 0.4379, 0.3204

Trichromacy



Original Color

23.7465, 0.4535, 0.3396

Protanomaly

23.3484, 0.3848, 0.3576

Deuteranomaly

23.6149, 0.4142, 0.3679

Tritanomaly

23.8403, 0.4443, 0.3281

Monochromacy



Original Color

23.7465, 0.4535, 0.3396

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1667, 0.3598, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7465, 0.4535, 0.3396 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(202, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(202, 106, 98)  
}
```

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(202, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 106, 98) }
```

Border

The CSS property to change the border of an element to Yxy 23.7465, 0.4535, 0.3396 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(202, 106, 98) }
```

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

```
.border{ border-color:rgb(202, 106, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 106, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(202, 106,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7465, 0.4535, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 106, 98) }
```

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

```
.background{ background-color: rgb(202,  
106, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor