

Converting Colors

$Yxy(23.5858, 0.4381, 0.3506)$

Have a look what the booklet for
Yxy(23.5858, 0.4381, 0.3506)
contains.

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Color

Yxy(23.5278, 0.4376, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	BF7061
RGB	191, 112, 97
RGB Percent	75%, 44%, 38%
CMY	0.2511, 0.5607, 0.6196
CMYK	0.00, 0.41, 0.49, 0.25
HSL	10°, 42%, 56%
HSV	10°, 49%, 75%
XYZ	29.4333, 23.5278, 14.2996
YIQ	133.9110, 51.8990, 12.0830

Conversions

Conversions Part 2

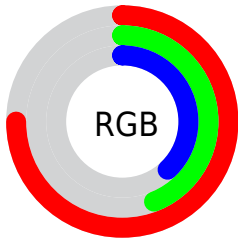
Format	Color
R_{YB}	191, 115, 97
Decimal	12546145
CIE _{Lab}	55.61, 29.60, 21.81
CIE _{LCh}	56, 36.769, 36.379
Yxy	23.5278, 0.4376, 0.3498
Android (android.graphics.Color)	4290736225 (0xFFBF7061)
YUV	133.9110, -18.1971, 50.0671
Hunter-Lab	48.5055, 23.4299, 16.4749

Details

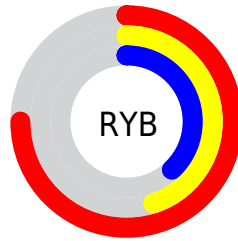
The Yxy color **23.5278, 0.4376, 0.3498** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.3365, 0.2445, 0.3058**, and the grayscale version is **23.8608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3724, 0.4098, 0.3475**, and **8.7439, 0.4864, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **19.9829, 0.4773, 0.3528**, and if you desaturate by 10%, it is **27.7919, 0.4027, 0.3458**.

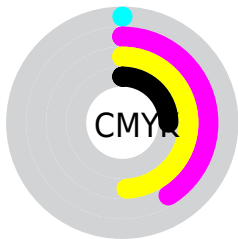
Distribution



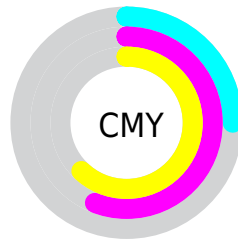
- Red (75%)
- Green (44%)
- Blue (38%)



- Red (75%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (25%)



- Cyan (25%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5278, 0.4376, 0.3498 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 23.5278, 0.4376, 0.3498 by changing the saturation by 10% instead.


 23.5278, 0.4376,
0.3498


 23.5278, 0.4376,
0.3498


270.4244, 0.3676,
0.3414

 14.9837, 0.4577,
0.3507


 49.2585, 0.4103,
0.3475


 8.8080, 0.4849,
0.3507


 67.2140, 0.4006,
0.3464

 4.6161, 0.5237,
0.3484

 89.0753, 0.3926,
0.3453

 2.0238, 0.5930,
0.3459

 115.2270, 0.3859,
0.3444

 0.6213, 0.6936,
0.3064

146.0533, 0.3803,
0.3435

 0.0000, 1.0000,
0.0000

181.9387, 0.3755,

 0.0000, 0.0000,

0.3427

0.0000

223.2676, 0.3713,
0.3420

■ 23.5278, 0.4376,
0.3498

■ 23.5278, 0.4376,
0.3498

■ 19.9829, 0.4773,
0.3528

■ 27.7919, 0.4027,
0.3458

■ 17.1138, 0.5199,
0.3541

■ 32.8082, 0.3731,
0.3414

■ 14.8780, 0.5617,
0.3528


■ 38.6122, 0.3485,
0.3369

■ 13.2265, 0.5973,
0.3486


■ 45.2357, 0.3282,
0.3327

■ 12.0983, 0.6229,
0.3426


■ 52.7092, 0.3115,
0.3287

 12.0282, 0.6247,
0.3422

 61.0612, 0.2978,
0.3250

 70.3191, 0.2864,
0.3217

 80.5092, 0.2770,
0.3187

 89.8132, 0.2757,
0.3289

Harmonies

Analogous

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



23.5278, 0.4012, 0.3018



23.5278, 0.4376, 0.3498



23.5278, 0.4352, 0.3981

Triad

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



23.5278, 0.4376, 0.3498



23.5278, 0.2782, 0.4140



23.5278, 0.2268, 0.2294

Complementary

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



23.5278, 0.4376, 0.3498



37.3365, 0.2445, 0.3058

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.



23.5278, 0.2019, 0.2459



23.5278, 0.4376, 0.3498



23.5278, 0.2284, 0.3507

Square

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



23.5278, 0.4376, 0.3498



23.5278, 0.3404, 0.4462



23.5278, 0.2021, 0.2877



23.5278, 0.2750, 0.2358

Rectangle

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



23.5278, 0.4376, 0.3498



23.5278, 0.4136, 0.4255



23.5278, 0.2021, 0.2877



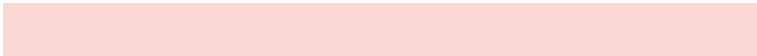
23.5278, 0.2158, 0.2322

Sweetspot

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



23.5290, 0.4376, 0.3498



73.7056, 0.3400, 0.3352



22.7926, 0.3347, 0.2265



15.6437, 0.3445, 0.3361



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



23.5290, 0.4376, 0.3498



35.3856, 0.4803, 0.3530



36.4191, 0.4043, 0.4104



9.7760, 0.3284, 0.3327



7.9859, 0.6228, 0.3437



0.3913, 0.5823, 0.3759

Inverse Universe

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



37.3365, 0.2445, 0.3058



62.8546, 0.2334, 0.2999



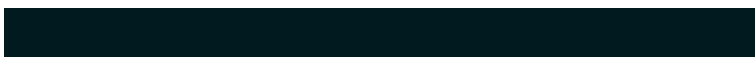
22.2389, 0.2301, 0.2294



10.5428, 0.2985, 0.3252



19.2021, 0.2106, 0.2780



0.8228, 0.2143, 0.2914

Previews

White Background



This preview shows how the Yxy color 23.5278, 0.4376, 0.3498 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 23.5278, 0.4376, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

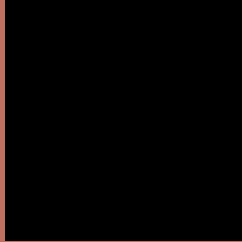
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5278, 0.4376, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 23.5278, 0.4376, 0.3498.



This preview shows how white text looks on a background with the Yxy color 23.5278, 0.4376, 0.3498.

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

23.5278, 0.4376, 0.3498

Protanopia

23.5874, 0.3519, 0.3739

Deuteranopia

23.6174, 0.3906, 0.3838



Tritanopia

23.5591, 0.4145, 0.3184

Trichromacy



Original Color

23.5278, 0.4376, 0.3498

Protanomaly

23.1201, 0.3829, 0.3646

Deuteranomaly

23.4032, 0.4085, 0.3703

Tritanomaly

23.4841, 0.4225, 0.3293

Monochromacy



Original Color

23.5278, 0.4376, 0.3498

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2707, 0.3541, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5278, 0.4376, 0.3498 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(191, 112, 97)` looks like.

```
.text, #text, p{  
    color:rgb(191, 112, 97)  
}
```

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(191, 112, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 112, 97) }
```

Border

The CSS property to change the border of an element to Yxy 23.5278, 0.4376, 0.3498 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(191, 112, 97) }
```

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

```
.border{ border-color:rgb(191, 112, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 112, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 112, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 112, 97);  
box-shadow:4px 4px 4px 4px rgb(191, 112,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5278, 0.4376, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 112, 97) }
```

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

```
.background{ background-color: rgb(191,  
112, 97) }
```

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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