

Converting Colors

$Y_{xy}(22.9736, 0.4727, 0.3806)$

Have a look what the booklet for
Yxy(22.9736, 0.4727, 0.3806)
contains.

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Color

Yxy(23.0303, 0.4721, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	C06F47
RGB	192, 111, 71
RGB Percent	75%, 44%, 28%
CMY	0.2471, 0.5647, 0.7215
CMYK	0.00, 0.42, 0.63, 0.25
HSL	20°, 49%, 52%
HSV	20°, 63%, 75%
XYZ	28.5595, 23.0303, 8.9048
YIQ	130.6590, 61.1160, 4.7320

Conversions

Conversions Part 2

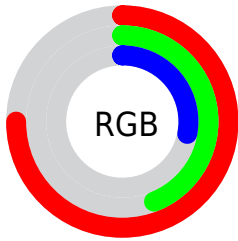
Format	Color
RYB	192, 131, 71
Decimal	12611399
CIELab	55.10, 28.41, 35.78
CIELCh	55, 45.689, 51.546
Yxy	23.0303, 0.4721, 0.3807
Android (android.graphics.Color)	4290801479 (0xFFC06F47)
YUV	130.6590, -29.4119, 53.7961
Hunter-Lab	47.9899, 22.2457, 22.5913

Details

The Yxy color **23.0303, 0.4721, 0.3807** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **27.6051, 0.2225, 0.2631**, and the grayscale version is **22.6610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2459, 0.4391, 0.3741**, and **8.5838, 0.5267, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **20.2163, 0.5076, 0.3838**, and if you desaturate by 10%, it is **26.3282, 0.4379, 0.3746**.

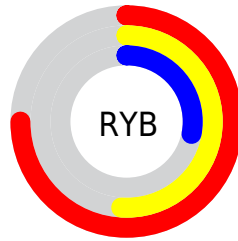
Distribution



Red (75%)

Green (44%)

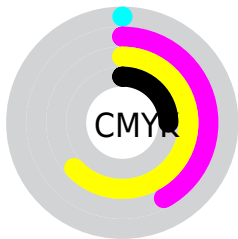
Blue (28%)



Red (75%)

Yellow (51%)

Blue (28%)

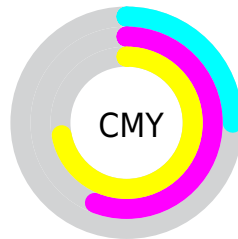


Cyan (0%)

Magenta (42%)

Yellow (63%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0303, 0.4721, 0.3807 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 23.0303, 0.4721, 0.3807 by changing the saturation by 10% instead.


 23.0303, 0.4721,
0.3807


 23.0303, 0.4721,
0.3807


267.8806, 0.3840,
0.3582


 14.6159, 0.4959,
0.3837


 48.4431, 0.4384,
0.3740


 8.5503, 0.5269,
0.3852


 66.2102, 0.4262,
0.3710

 4.4490, 0.5705,
0.3842

 87.8637, 0.4161,
0.3683

 1.9278, 0.6285,
0.3715

 113.7880, 0.4076,
0.3658

 0.5650, 0.6960,
0.3040

 144.3674, 0.4004,
0.3636

 0.0000, 1.0000,
0.0000

179.9864, 0.3941,

 0.0000, 0.0000,

0.3616

0.0000

221.0293, 0.3887,
0.3598

■ 23.0303, 0.4721,
0.3807

■ 23.0303, 0.4721,
0.3807

■ 20.2163, 0.5076,
0.3838

■ 26.3282, 0.4379,
0.3746

■ 17.8579, 0.5417,
0.3827

■ 30.1291, 0.4067,
0.3666

■ 15.9287, 0.5713,
0.3767

■ 34.4556, 0.3790,
0.3577

■ 14.8120, 0.5889,
0.3706

■ 39.3274, 0.3551,
0.3486

■ 44.7633, 0.3347,
0.3398

■ 50.7812, 0.3174,
0.3314

■ 57.3981, 0.3027,
0.3236

■ 64.6303, 0.2903,
0.3165

■ 72.4936, 0.2797,
0.3099

Harmonies

Analogous

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



23.0303, 0.4522, 0.3222



23.0303, 0.4721, 0.3807



23.0303, 0.4433, 0.4370

Triad

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



23.0303, 0.4721, 0.3807



23.0303, 0.2348, 0.3987



23.0303, 0.2336, 0.2095

Complementary

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



23.0303, 0.4721, 0.3807



27.6051, 0.2225, 0.2631

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.



23.0303, 0.1900, 0.2136



23.0303, 0.4721, 0.3807



23.0303, 0.1894, 0.3118

Square

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



23.0303, 0.4721, 0.3807



23.0303, 0.3048, 0.4654



23.0303, 0.1750, 0.2465



23.0303, 0.3037, 0.2294

Rectangle

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



23.0303, 0.4721, 0.3807



23.0303, 0.4043, 0.4659



23.0303, 0.1750, 0.2465



23.0303, 0.2159, 0.2080

Sweetspot

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



23.0315, 0.4721, 0.3807



74.7912, 0.3472, 0.3453



18.0376, 0.3716, 0.2250



15.4532, 0.3533, 0.3479



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.



23.0315, 0.4721, 0.3807



34.7362, 0.5223, 0.3839



40.3414, 0.4165, 0.4515



10.6096, 0.3281, 0.3367



10.0961, 0.5867, 0.3724



0.5642, 0.5425, 0.4074

Inverse Universe

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



27.6051, 0.2225, 0.2631



43.4487, 0.2083, 0.2453



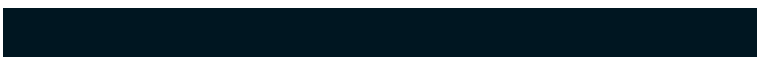
13.0099, 0.1991, 0.1614



10.8492, 0.2984, 0.3212



13.1912, 0.1940, 0.2184



0.6919, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 23.0303, 0.4721, 0.3807 looks on a white background.

Color Contrast Check

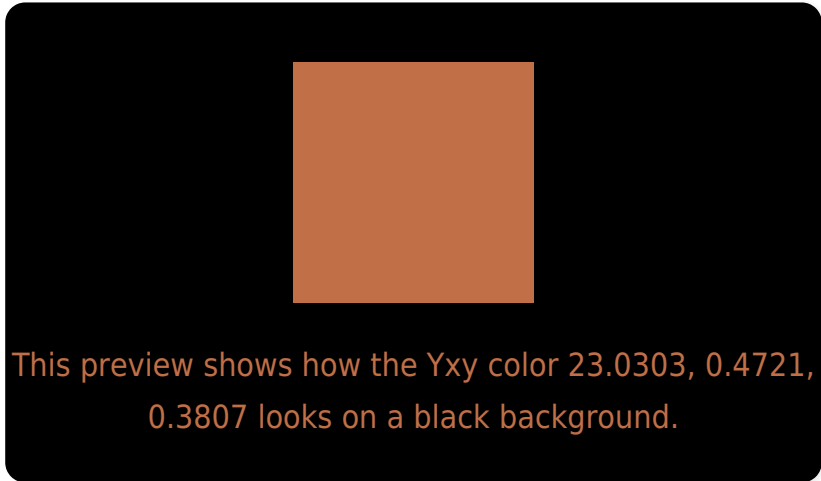
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

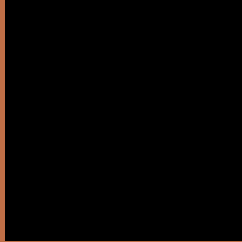
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0303, 0.4721, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 23.0303, 0.4721, 0.3807.



This preview shows how white text looks on a background with the Yxy color 23.0303, 0.4721, 0.3807.

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

23.0303, 0.4721, 0.3807

Protanopia

23.0868, 0.3869, 0.4186

Deuteranopia

23.1256, 0.4260, 0.4173



Tritanopia

23.1024, 0.4243, 0.3199

Trichromacy



Original Color

23.0303, 0.4721, 0.3807

Protanomaly

22.6185, 0.4181, 0.4039

Deuteranomaly

23.1031, 0.4433, 0.4037

Tritanomaly

23.0763, 0.4428, 0.3427

Monochromacy



Original Color

23.0303, 0.4721, 0.3807

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2917, 0.3670, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0303, 0.4721, 0.3807 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(192, 111, 71)` looks like.

```
.text, #text, p{  
    color:rgb(192, 111, 71)  
}
```

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(192, 111, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 111, 71) }
```

Border

The CSS property to change the border of an element to Yxy 23.0303, 0.4721, 0.3807 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(192, 111, 71) }
```

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

```
.border{ border-color:rgb(192, 111, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 111, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 111, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 111, 71);  
box-shadow:4px 4px 4px 4px rgb(192, 111,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0303, 0.4721, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 111, 71) }
```

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

```
.background{ background-color: rgb(192,  
111, 71) }
```

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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