

Converting Colors

$Yxy(23.3854, 0.4799, 0.3921)$

Have a look what the booklet for
Yxy(23.3854, 0.4799, 0.3921)
contains.

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Color

Yxy(23.3645, 0.4797, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	C0713E
RGB	192, 113, 62
RGB Percent	75%, 44%, 24%
CMY	0.2471, 0.5568, 0.7570
CMYK	0.00, 0.41, 0.68, 0.25
HSL	24°, 51%, 50%
HSV	24°, 68%, 75%
XYZ	28.5117, 23.3645, 7.5603
YIQ	130.8070, 63.4550, 0.8870

Conversions

Conversions Part 2

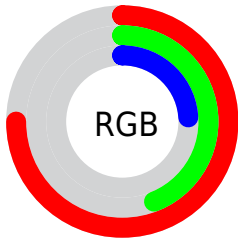
Format	Color
RYB	192, 146, 62
Decimal	12611902
CIELab	55.45, 26.75, 40.98
CIELCh	55, 48.938, 56.864
Yxy	23.3645, 0.4797, 0.3931
Android (android.graphics.Color)	4290801982 (0xFFC0713E)
YUV	130.8070, -33.9219, 53.6663
Hunter-Lab	48.3368, 20.6996, 24.5623

Details

The Yxy color **23.3645, 0.4797, 0.3931** 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 **23.8671, 0.2139, 0.2429**, and the grayscale version is **22.7308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7534, 0.4457, 0.3848**, and **8.7668, 0.5338, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **20.7533, 0.5119, 0.3956**, and if you desaturate by 10%, it is **26.3871, 0.4475, 0.3868**.

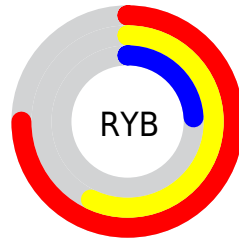
Distribution



Red (75%)

Green (44%)

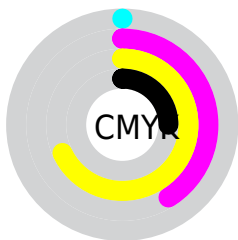
Blue (24%)



Red (75%)

Yellow (57%)

Blue (24%)

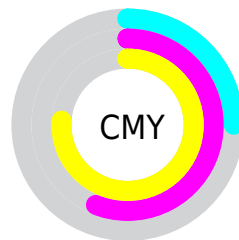


Cyan (0%)

Magenta (41%)

Yellow (68%)

Black (25%)



Cyan (25%)


Magenta (56%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3645, 0.4797, 0.3931 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 23.3645, 0.4797, 0.3931 by changing the saturation by 10% instead.


 23.3645, 0.4797,
0.3931


 23.3645, 0.4797,
0.3931


269.5917, 0.3885,
0.3650


 14.8629, 0.5035,
0.3969


 48.9911, 0.4454,
0.3848


 8.7232, 0.5335,
0.3989


 66.8850, 0.4327,
0.3810


 4.5611, 0.5804,
0.4018


 88.6783, 0.4222,
0.3776

 1.9921, 0.6200,
0.3800

 114.7556, 0.4134,
0.3745

 0.6029, 0.6811,
0.3189

 145.5011, 0.4058,
0.3717

 0.0000, 1.0000,
0.0000

 181.2994, 0.3992,

 0.0000, 0.0000,

0.3693

0.0000

222.5348, 0.3935,
0.3670

■ 23.3645, 0.4797,
0.3931

■ 23.3645, 0.4797,
0.3931

■ 20.7533, 0.5119,
0.3956

■ 26.3871, 0.4475,
0.3868

■ 18.5289, 0.5417,
0.3932

■ 29.8364, 0.4170,
0.3781

■ 16.6669, 0.5668,
0.3858

■ 33.7313, 0.3893,
0.3679

■ 16.2873, 0.5722,
0.3839

■ 38.0883, 0.3648,
0.3572

■ 42.9230, 0.3435,
0.3466

■ 48.2501, 0.3251,
0.3364

■ 54.0836, 0.3093,
0.3269

■ 60.4372, 0.2959,
0.3180

■ 67.3238, 0.2843,
0.3099

Harmonies

Analogous

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



23.3645, 0.4690, 0.3316



23.3645, 0.4797, 0.3931



23.3645, 0.4405, 0.4516

Triad

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



23.3645, 0.4797, 0.3931



23.3645, 0.2189, 0.3868



23.3645, 0.2400, 0.2051

Complementary

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



23.3645, 0.4797, 0.3931



23.8671, 0.2139, 0.2429

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.



23.3645, 0.1892, 0.2044



23.3645, 0.4797, 0.3931



23.3645, 0.1774, 0.2952

Square

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



23.3645, 0.4797, 0.3931



23.3645, 0.2892, 0.4669



23.3645, 0.1683, 0.2325



23.3645, 0.3181, 0.2301

Rectangle

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



23.3645, 0.4797, 0.3931



23.3645, 0.3958, 0.4798



23.3645, 0.1683, 0.2325



23.3645, 0.2198, 0.2020

Sweetspot

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



23.3657, 0.4797, 0.3931



75.4160, 0.3487, 0.3493



16.6059, 0.3920, 0.2296



15.6415, 0.3547, 0.3523



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.



23.3657, 0.4797, 0.3931



35.6761, 0.5260, 0.3951



42.9296, 0.4160, 0.4664



10.7119, 0.3279, 0.3381



11.1021, 0.5700, 0.3856



0.6140, 0.5288, 0.4183

Inverse Universe

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



23.8671, 0.2139, 0.2429



36.4295, 0.1994, 0.2208



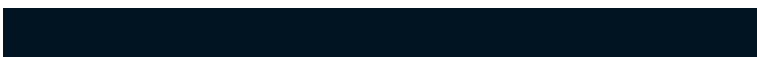
10.1565, 0.1878, 0.1347



10.7432, 0.2984, 0.3197



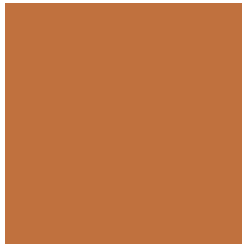
11.2203, 0.1879, 0.1965



0.6159, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 23.3645, 0.4797, 0.3931 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 23.3645, 0.4797, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

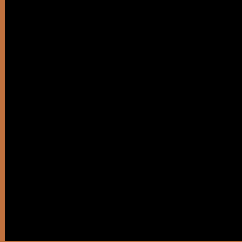
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3645, 0.4797, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 23.3645, 0.4797, 0.3931.



This preview shows how white text looks on a background with the Yxy color 23.3645, 0.4797, 0.3931.

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

23.3645, 0.4797, 0.3931

Protanopia

23.4078, 0.3987, 0.4341

Deuteranopia

23.4938, 0.4360, 0.4287



Tritanopia

23.3553, 0.4209, 0.3186

Trichromacy



Original Color

23.3645, 0.4797, 0.3931

Protanomaly

23.1016, 0.4280, 0.4199

Deuteranomaly

23.3593, 0.4525, 0.4152

Tritanomaly

23.2511, 0.4448, 0.3467

Monochromacy



Original Color

23.3645, 0.4797, 0.3931

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2282, 0.3707, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3645, 0.4797, 0.3931 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, 113, 62)` looks like.

```
.text, #text, p{  
    color:rgb(192, 113, 62)  
}
```

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, 113, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 113, 62) }
```

Border

The CSS property to change the border of an element to Yxy 23.3645, 0.4797, 0.3931 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, 113, 62) }
```

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

```
.border{ border-color:rgb(192, 113, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 113, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 113, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 113, 62);  
box-shadow:4px 4px 4px 4px rgb(192, 113,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3645, 0.4797, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 113, 62) }
```

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

```
.background{ background-color: rgb(192,  
113, 62) }
```

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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