

Converting Colors

$Y_{xy}(22.0641, 0.4908, 0.3805)$

Have a look what the booklet for
Yxy(22.0641, 0.4908, 0.3805)
contains.

Yxy(22.0641, 0.4908, 0.3805)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0641, 0.4908, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	C3693F
RGB	195, 105, 63
RGB Percent	76%, 41%, 25%
CMY	0.2352, 0.5883, 0.7529
CMYK	0.00, 0.46, 0.68, 0.24
HSL	19°, 52%, 51%
HSV	19°, 68%, 76%
XYZ	28.4601, 22.0641, 7.4629
YIQ	127.1220, 67.1220, 6.0180

Conversions

Conversions Part 2

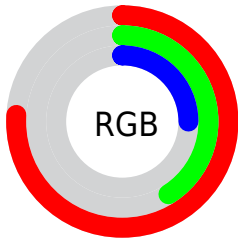
Format	Color
RYB	195, 125, 63
Decimal	12806463
CIELab	54.09, 32.37, 39.00
CIELCh	54, 50.688, 50.309
Yxy	22.0641, 0.4908, 0.3805
Android (android.graphics.Color)	4290996543 (0xFFC3693F)
YUV	127.1220, -31.6121, 59.5290
Hunter-Lab	46.9724, 25.9494, 23.4608

Details

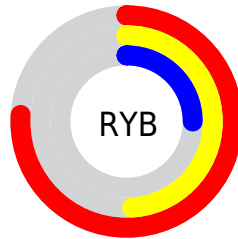
The Yxy color **22.0641, 0.4908, 0.3805** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **27.7982, 0.2180, 0.2601**, and the grayscale version is **21.3612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5438, 0.4530, 0.3750**, and **8.1000, 0.5500, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **19.3838, 0.5267, 0.3815**, and if you desaturate by 10%, it is **25.2478, 0.4551, 0.3759**.

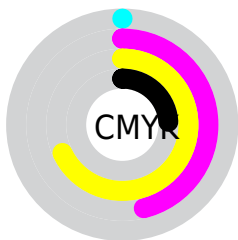
Distribution



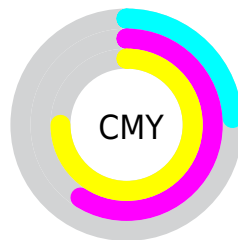
- Red (76%)
- Green (41%)
- Blue (25%)



- Red (76%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (46%)
- Yellow (68%)
- Black (24%)




- Cyan (24%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0641, 0.4908, 0.3805 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 22.0641, 0.4908, 0.3805 by changing the saturation by 10% instead.


 22.0641, 0.4908,
0.3805


 22.0641, 0.4908,
0.3805


262.8808, 0.3923,
0.3597


 13.9040, 0.5170,
0.3821


 46.8519, 0.4533,
0.3751


 8.0539, 0.5506,
0.3810


 64.2484, 0.4397,
0.3723


 4.1295, 0.6040,
0.3797

 85.4925, 0.4284,
0.3697

 1.7463, 0.6497,
0.3503

 110.9686, 0.4188,
0.3673

 0.4533, 0.7386,
0.2614

 141.0611, 0.4107,
0.3651

 0.0000, 1.0000,
0.0000

 176.1544, 0.4037,

 0.0000, 0.0000,

0.3632

0.0000

216.6328, 0.3976,
0.3614

■ 22.0641, 0.4908,
0.3805

■ 22.0641, 0.4908,
0.3805

■ 19.3838, 0.5267,
0.3815

■ 25.2478, 0.4551,
0.3759

■ 17.1752, 0.5596,
0.3779

■ 28.9571, 0.4218,
0.3690

■ 15.4056, 0.5866,
0.3699

■ 33.2169, 0.3921,
0.3607

■ 15.0521, 0.5923,
0.3679

■ 38.0495, 0.3662,
0.3520

■ 43.4757, 0.3440,
0.3433

■ 49.5155, 0.3252,
0.3350

■ 56.1876, 0.3093,
0.3273

■ 63.5101, 0.2958,
0.3201

■ 71.5003, 0.2844,
0.3135

Harmonies

Analogous

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



22.0641, 0.4674, 0.3172



22.0641, 0.4908, 0.3805



22.0641, 0.4586, 0.4438

Triad

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



22.0641, 0.4908, 0.3805



22.0641, 0.2277, 0.4121



22.0641, 0.2221, 0.1972

Complementary

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



22.0641, 0.4908, 0.3805



27.7982, 0.2180, 0.2601

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.



22.0641, 0.1763, 0.2022



22.0641, 0.4908, 0.3805



22.0641, 0.1774, 0.3119

Square

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



22.0641, 0.4908, 0.3805



22.0641, 0.3055, 0.4866



22.0641, 0.1612, 0.2383



22.0641, 0.2983, 0.2180

Rectangle

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



22.0641, 0.4908, 0.3805



22.0641, 0.4154, 0.4789



22.0641, 0.1612, 0.2383



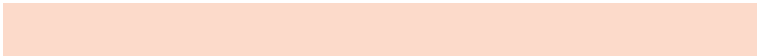
22.0641, 0.2033, 0.1958

Sweetspot

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



22.0653, 0.4908, 0.3805



75.1918, 0.3495, 0.3456



17.4694, 0.3779, 0.2196



15.8500, 0.3557, 0.3480



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.



22.0653, 0.4908, 0.3805



32.7990, 0.5423, 0.3805



41.0245, 0.4235, 0.4579



10.5890, 0.3281, 0.3364



9.9154, 0.5899, 0.3698



0.5547, 0.5453, 0.4052

Inverse Universe

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



27.7982, 0.2180, 0.2601



43.4091, 0.2051, 0.2424



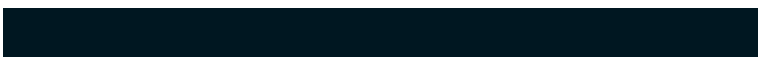
11.8497, 0.1909, 0.1476



10.8708, 0.2984, 0.3215



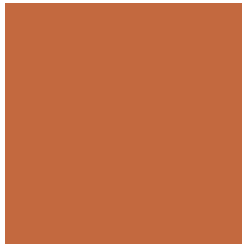
13.6203, 0.1953, 0.2229



0.7081, 0.2026, 0.2493

Previews

White Background



This preview shows how the Yxy color 22.0641, 0.4908, 0.3805 looks on a white background.

Color Contrast Check

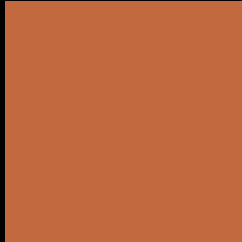
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0641, 0.4908, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

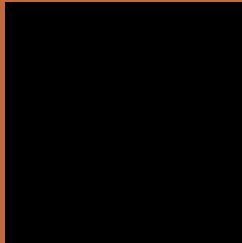
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0641, 0.4908, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 22.0641, 0.4908, 0.3805.



This preview shows how white text looks on a background with the Yxy color 22.0641, 0.4908, 0.3805.

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

22.0641, 0.4908, 0.3805

Protanopia

22.2598, 0.3941, 0.4290

Deuteranopia

22.3081, 0.4343, 0.4269



Tritanopia

22.1816, 0.4403, 0.3202

Trichromacy



Original Color

22.0641, 0.4908, 0.3805

Protanomaly

21.7735, 0.4296, 0.4106

Deuteranomaly

21.9331, 0.4557, 0.4095

Tritanomaly

22.1284, 0.4607, 0.3436

Monochromacy



Original Color

22.0641, 0.4908, 0.3805

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8685, 0.3744, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0641, 0.4908, 0.3805 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(195, 105, 63)` looks like.

```
.text, #text, p{  
    color:rgb(195, 105, 63)  
}
```

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(195, 105, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 105, 63) }
```

Border

The CSS property to change the border of an element to Yxy 22.0641, 0.4908, 0.3805 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(195, 105, 63) }
```

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

```
.border{ border-color:rgb(195, 105, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 105, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 105, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 105, 63);  
box-shadow:4px 4px 4px 4px rgb(195, 105,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0641, 0.4908, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 105, 63) }
```

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

```
.background{ background-color: rgb(195,  
105, 63) }
```

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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