

Converting Colors

$Y_{xy}(25.4513, 0.4893, 0.4182)$

Have a look what the booklet for
Yxy(25.4513, 0.4893, 0.4182)
contains.

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Color

Yxy(25.4513, 0.4893, 0.4182)

Conversions

Conversions Part 1

Format	Color
Hex	C3792B
RGB	195, 121, 43
RGB Percent	76%, 47%, 17%
CMY	0.2353, 0.5255, 0.8313
CMYK	0.00, 0.38, 0.78, 0.24
HSL	31°, 64%, 47%
HSV	31°, 78%, 76%
XYZ	29.7784, 25.4513, 5.6295
YIQ	134.2340, 69.1420, -8.5700

Conversions

Conversions Part 2

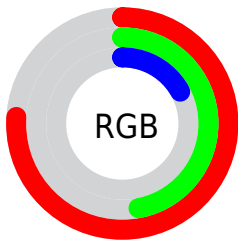
Format	Color
R _Y B	187, 195, 43
Decimal	12810539
CIE Lab	57.51, 22.73, 52.24
CIE LCh	58, 56.968, 66.487
Yxy	25.4513, 0.4893, 0.4182
Android (android.graphics.Color)	4291000619 (0xFFC3792B)
YUV	134.2340, -44.9784, 53.2918
Hunter-Lab	50.4493, 17.0759, 28.6985

Details

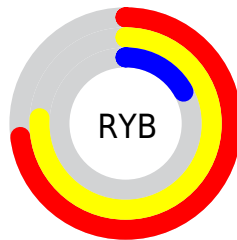
The Yxy color **25.4513, 0.4893, 0.4182** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **17.1760, 0.1946, 0.1943**, and the grayscale version is **24.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3403, 0.4550, 0.4078**, and **9.8690, 0.5287, 0.4184** is the 20% darker color. If you saturate the color by 10%, you get **23.1471, 0.5131, 0.4181**, and if you desaturate by 10%, it is **28.0536, 0.4631, 0.4133**.

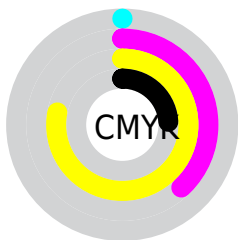
Distribution



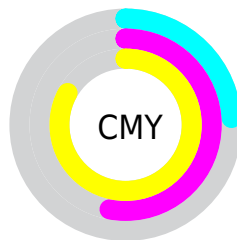
- Red (76%)
- Green (47%)
- Blue (17%)



- Red (73%)
- Yellow (76%)
- Blue (17%)



- Cyan (0%)
- Magenta (38%)
- Yellow (78%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4513, 0.4893, 0.4182 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 25.4513, 0.4893, 0.4182 by changing the saturation by 10% instead.


 25.4513, 0.4893,
0.4182


 25.4513, 0.4893,
0.4182


280.0780, 0.3969,
0.3796


 16.4136, 0.5109,
0.4232


 52.3884, 0.4561,
0.4070

 9.8173, 0.5365,
0.4258


 71.0566, 0.4433,
0.4018

 5.2780, 0.5726,
0.4274

 93.7038, 0.4325,
0.3971

 2.4113, 0.5957,
0.4043

 120.7144, 0.4233,
0.3929

 0.8317, 0.6359,
0.3641

 152.4727, 0.4153,
0.3890

 0.0000, 1.0000,
0.0000

 189.3631, 0.4083,

 0.0000, 0.0000,

0.3856

0.0000

231.7701, 0.4023,
0.3824

■ 25.4513, 0.4893,
0.4182

■ 25.4513, 0.4893,
0.4182

■ 23.1471, 0.5131,
0.4181

■ 28.0536, 0.4631,
0.4133

■ 21.1175, 0.5333,
0.4128

■ 30.9649, 0.4363,
0.4044

■ 20.7291, 0.5374,
0.4115

■ 34.1999, 0.4101,
0.3928

■ 37.7709, 0.3855,
0.3797

■ 41.6893, 0.3631,
0.3659

■ 45.9659, 0.3430,
0.3522

■ 50.6110, 0.3253,
0.3390

■ 55.6343, 0.3097,
0.3265

■ 61.0451, 0.2961,
0.3149

Harmonies

Analogous

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



25.4513, 0.4994, 0.3505



25.4513, 0.4893, 0.4182



25.4513, 0.4300, 0.4812

Triad

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



25.4513, 0.4893, 0.4182



25.4513, 0.1888, 0.3584



25.4513, 0.2560, 0.1986

Complementary

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



25.4513, 0.4893, 0.4182



17.1760, 0.1946, 0.1943

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.



25.4513, 0.1903, 0.1885



25.4513, 0.4893, 0.4182



25.4513, 0.1561, 0.2624

Square

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



25.4513, 0.4893, 0.4182



25.4513, 0.2568, 0.4639



25.4513, 0.1575, 0.2072



25.4513, 0.3503, 0.2332

Rectangle

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



25.4513, 0.4893, 0.4182



25.4513, 0.3751, 0.5071



25.4513, 0.1575, 0.2072



25.4513, 0.2304, 0.1923

Sweetspot

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



25.4526, 0.4893, 0.4182



78.1023, 0.3536, 0.3596



14.6620, 0.4432, 0.2434



16.4977, 0.3612, 0.3647



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.



25.4526, 0.4893, 0.4182



38.6855, 0.5285, 0.4145



50.8038, 0.4117, 0.4927



10.9135, 0.3276, 0.3408



13.6425, 0.5353, 0.4131



0.7271, 0.5027, 0.4390

Inverse Universe

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



17.1760, 0.1946, 0.1943



23.3033, 0.1789, 0.1609



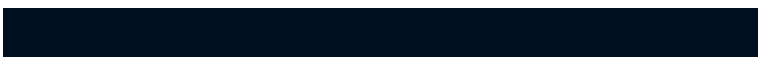
6.1823, 0.1671, 0.0882



10.5392, 0.2984, 0.3169



8.0390, 0.1764, 0.1552



0.4853, 0.1880, 0.1966

Previews

White Background



This preview shows how the Yxy color 25.4513, 0.4893, 0.4182 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 25.4513, 0.4893, 0.4182 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 25.4513, 0.4893, 0.4182

Background



This preview shows how black text looks on a background with the Yxy color 25.4513, 0.4893, 0.4182.



This preview shows how white text looks on a background with the Yxy color 25.4513, 0.4893, 0.4182.

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

25.4513, 0.4893, 0.4182

Protanopia

25.6472, 0.4199, 0.4625

Deuteranopia

25.6477, 0.4557, 0.4483



Tritanopia

25.3575, 0.4127, 0.3174

Trichromacy



Original Color

25.4513, 0.4893, 0.4182

Protanomaly

25.2458, 0.4467, 0.4453

Deuteranomaly

25.5366, 0.4689, 0.4371

Tritanomaly

25.2869, 0.4478, 0.3593

Monochromacy



Original Color

25.4513, 0.4893, 0.4182

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.7080, 0.3780, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4513, 0.4893, 0.4182 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, 121, 43)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 43)  
}
```

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, 121, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 43) }
```

Border

The CSS property to change the border of an element to Yxy 25.4513, 0.4893, 0.4182 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, 121, 43) }
```

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

```
.border{ border-color:rgb(195, 121, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 121, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 43);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4513, 0.4893, 0.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 43) }
```

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

```
.background{ background-color: rgb(195,  
121, 43) }
```

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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