

Converting Colors

$Y_{xy}(25.8393, 0.4863, 0.4192)$

Have a look what the booklet for
Yxy(25.8393, 0.4863, 0.4192)
contains.

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Color

Yxy(25.9499, 0.4861, 0.4199)

Conversions

Conversions Part 1

Format	Color
Hex	C37B2C
RGB	195, 123, 44
RGB Percent	76%, 48%, 17%
CMY	0.2353, 0.5176, 0.8274
CMYK	0.00, 0.37, 0.77, 0.24
HSL	31°, 63%, 47%
HSV	31°, 77%, 76%
XYZ	30.0411, 25.9499, 5.8092
YIQ	135.5220, 68.2710, -9.3050

Conversions

Conversions Part 2

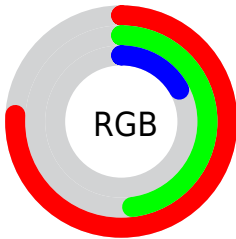
Format	Color
R_{YB}	182, 195, 44
Decimal	12811052
CIE Lab	57.99, 21.67, 52.28
CIE LCh	58, 56.589, 67.487
Yxy	25.9499, 0.4861, 0.4199
Android (android.graphics.Color)	4291001132 (0xFFC37B2C)
YUV	135.5220, -45.1203, 52.1622
Hunter-Lab	50.9410, 16.1186, 28.8974

Details

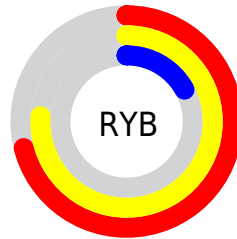
The Yxy color **25.9499, 0.4861, 0.4199** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **16.9629, 0.1945, 0.1926**, and the grayscale version is **24.5865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1369, 0.4527, 0.4089**, and **10.1318, 0.5245, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **23.6392, 0.5095, 0.4203**, and if you desaturate by 10%, it is **28.5511, 0.4604, 0.4145**.

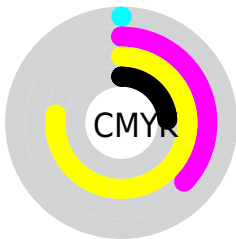
Distribution



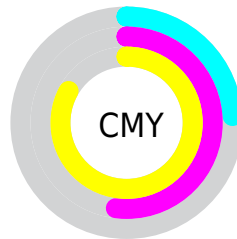
- Red (76%)
- Green (48%)
- Blue (17%)



- Red (71%)
- Yellow (76%)
- Blue (17%)



- Cyan (0%)
- Magenta (37%)
- Yellow (77%)
- Black (24%)





- Cyan (24%)
- Magenta (52%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9499, 0.4861, 0.4199 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 25.9499, 0.4861, 0.4199 by changing the saturation by 10% instead.


 25.9499, 0.4861,
0.4199


 25.9499, 0.4861,
0.4199


282.5361, 0.3956,
0.3802


 16.7862, 0.5072,
0.4253


 53.1941, 0.4536,
0.4082


 10.0821, 0.5321,
0.4286


 72.0434, 0.4412,
0.4029


 5.4535, 0.5680,
0.4320

 94.8899, 0.4306,
0.3980

 2.5157, 0.5898,
0.4102

 122.1182, 0.4215,
0.3937

 0.8845, 0.6271,
0.3729

 154.1125, 0.4137,
0.3897

 0.0000, 1.0000,
0.0000

 191.2574, 0.4069,

 0.0000, 0.0000,

0.3862

0.0000

233.9371, 0.4009,
0.3831

■ 25.9499, 0.4861,
0.4199

■ 25.9499, 0.4861,
0.4199

■ 23.6392, 0.5095,
0.4203

■ 28.5511, 0.4604,
0.4145

■ 21.5969, 0.5295,
0.4155

■ 31.4533, 0.4339,
0.4053

■ 21.1091, 0.5344,
0.4139

■ 34.6705, 0.4081,
0.3933

■ 38.2149, 0.3839,
0.3799

■ 42.0973, 0.3618,
0.3659

■ 46.3282, 0.3420,
0.3520

■ 50.9176, 0.3244,
0.3385

■ 55.8747, 0.3089,
0.3258

■ 61.2086, 0.2954,
0.3140

Harmonies

Analogous

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



25.9499, 0.4978, 0.3528



25.9499, 0.4861, 0.4199



25.9499, 0.4265, 0.4814

Triad

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



25.9499, 0.4861, 0.4199



25.9499, 0.1886, 0.3545



25.9499, 0.2594, 0.2007

Complementary

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



25.9499, 0.4861, 0.4199



16.9629, 0.1945, 0.1926

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.



25.9499, 0.1932, 0.1898



25.9499, 0.4861, 0.4199



25.9499, 0.1573, 0.2609

Square

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



25.9499, 0.4861, 0.4199



25.9499, 0.2550, 0.4590



25.9499, 0.1597, 0.2074



25.9499, 0.3533, 0.2357

Rectangle

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



25.9499, 0.4861, 0.4199



25.9499, 0.3718, 0.5054



25.9499, 0.1597, 0.2074



25.9499, 0.2337, 0.1942

Sweetspot

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



25.9512, 0.4861, 0.4199



78.4177, 0.3534, 0.3602



14.6866, 0.4469, 0.2466



16.5756, 0.3610, 0.3653



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.



25.9512, 0.4861, 0.4199



39.7317, 0.5238, 0.4174



50.4745, 0.4092, 0.4938



10.9304, 0.3276, 0.3411



13.8912, 0.5324, 0.4154



0.7375, 0.5006, 0.4407

Inverse Universe

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



16.9629, 0.1945, 0.1926



23.0408, 0.1788, 0.1595



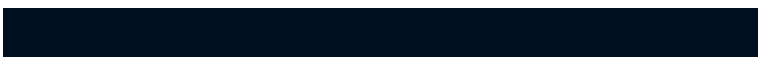
6.3349, 0.1689, 0.0899



10.5224, 0.2984, 0.3166



7.8110, 0.1755, 0.1519



0.4754, 0.1872, 0.1939

Previews

White Background



This preview shows how the Yxy color 25.9499, 0.4861, 0.4199 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 25.9499, 0.4861, 0.4199 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 25.9499, 0.4861, 0.4199

Background



This preview shows how black text looks on a background with the Yxy color 25.9499, 0.4861, 0.4199.



This preview shows how white text looks on a background with the Yxy color 25.9499, 0.4861, 0.4199.

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

25.9499, 0.4861, 0.4199

Protanopia

26.0458, 0.4194, 0.4620

Deuteranopia

26.0491, 0.4544, 0.4472



Tritanopia

25.8588, 0.4089, 0.3173

Trichromacy



Original Color

25.9499, 0.4861, 0.4199

Protanomaly

25.8015, 0.4437, 0.4469

Deuteranomaly

25.8128, 0.4664, 0.4368

Tritanomaly

25.7889, 0.4437, 0.3594

Monochromacy



Original Color

25.9499, 0.4861, 0.4199

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3800, 0.3759, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9499, 0.4861, 0.4199 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, 123, 44)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 44)  
}
```

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, 123, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 44) }
```

Border

The CSS property to change the border of an element to Yxy 25.9499, 0.4861, 0.4199 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, 123, 44) }
```

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

```
.border{ border-color:rgb(195, 123, 44) }
```

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

Here you see how a box with a 4 pixel rgb(195, 123, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 44);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9499, 0.4861, 0.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 44) }
```

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

```
.background{ background-color: rgb(195,  
123, 44) }
```

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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