

Converting Colors

$Y_{xy}(25.3122, 0.4822, 0.4553)$

Have a look what the booklet for
Yxy(25.3122, 0.4822, 0.4553)
contains.

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Color

$Y_{xy}(25.2621, 0.4824, 0.4552)$

Conversions

Conversions Part 1

Format	Color
Hex	B58000
RGB	181, 128, 0
RGB Percent	71%, 50%, 0%
CMY	0.2903, 0.4980, 1.0000
CMYK	0.00, 0.29, 1.00, 0.29
HSL	42°, 100%, 35%
HSV	42°, 100%, 71%
XYZ	26.7716, 25.2621, 3.4630
YIQ	129.2550, 72.6760, -28.5720

Conversions

Conversions Part 2

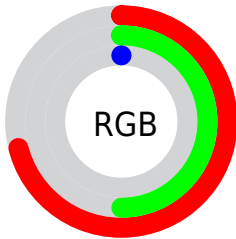
Format	Color
RYB	75, 181, 0
Decimal	11894784
CIELab	57.33, 11.68, 63.06
CIElCh	57, 64.136, 79.510
Yxy	25.2621, 0.4824, 0.4552
Android (android.graphics.Color)	4290084864 (0xFFB58000)
YUV	129.2550, -63.7227, 45.3804
Hunter-Lab	50.2614, 7.1201, 31.0979

Details

The Yxy color **25.2621, 0.4824, 0.4552** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **5.8785, 0.1606, 0.0983**, and the grayscale version is **22.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3423, 0.4544, 0.4390**, and **9.8029, 0.4965, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **25.2635, 0.4824, 0.4552**, and if you desaturate by 10%, it is **26.7258, 0.4709, 0.4561**.

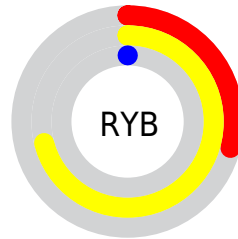
Distribution



Red (71%)

Green (50%)

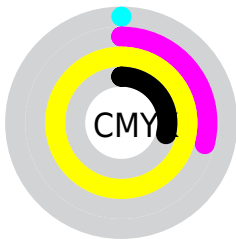
Blue (0%)



Red (29%)

Yellow (71%)

Blue (0%)

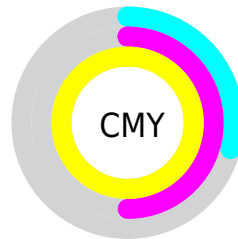


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2621, 0.4824, 0.4552 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 25.2621, 0.4824, 0.4552 by changing the saturation by 10% instead.


 25.2621, 0.4824,
0.4552


 25.2621, 0.4824,
0.4552


279.1407, 0.3982,
0.3988


 16.2724, 0.4990,
0.4630


 52.0821, 0.4541,
0.4385


 9.7171, 0.5221,
0.4735


 70.6812, 0.4426,
0.4309


 5.2118, 0.5327,
0.4673

 93.2523, 0.4326,
0.4240

 2.3721, 0.5458,
0.4542

 120.1797, 0.4239,
0.4178

 0.8115, 0.5699,
0.4301

 151.8479, 0.4162,
0.4123

 0.0000, 1.0000,
0.0000

 188.6412, 0.4095,


 0.0000, 0.0000,


0.4073

0.0000


 230.9440, 0.4035,
0.4028


 25.2621, 0.4824,
0.4552


 25.2621, 0.4824,
0.4552


 25.2635, 0.4824,
0.4552

 26.7258, 0.4709,
0.4561

 28.3018, 0.4568,
0.4529

 30.0080, 0.4401,
0.4449

 31.8529, 0.4215,
0.4329

 33.8437, 0.4019,
0.4178

■ 35.9869, 0.3822,
0.4007

■ 38.2885, 0.3631,
0.3826

■ 40.7539, 0.3450,
0.3643

■ 43.3883, 0.3281,
0.3463

Harmonies

Analogous

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



25.2621, 0.5239, 0.3802



25.2621, 0.4824, 0.4552



25.2621, 0.4001, 0.5195

Triad

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



25.2621, 0.4824, 0.4552



25.2621, 0.1550, 0.3083



25.2621, 0.2912, 0.1992

Complementary

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



25.2621, 0.4824, 0.4552



5.8785, 0.1606, 0.0983

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.



25.2621, 0.2039, 0.1763



25.2621, 0.4824, 0.4552



25.2621, 0.1376, 0.2212

Square

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



25.2621, 0.4824, 0.4552



25.2621, 0.2118, 0.4345



25.2621, 0.1539, 0.1813



25.2621, 0.4041, 0.2463

Rectangle

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



25.2621, 0.4824, 0.4552



25.2621, 0.3352, 0.5338



25.2621, 0.1539, 0.1813



25.2621, 0.2581, 0.1886

Sweetspot

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



25.2635, 0.4824, 0.4552



68.3769, 0.3640, 0.3835



10.0905, 0.5759, 0.2946



14.4030, 0.3719, 0.3911



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2635, 0.4824, 0.4552



44.8454, 0.4836, 0.4542



39.0399, 0.3844, 0.5330



9.4782, 0.3270, 0.3450



17.5445, 0.4814, 0.4560



0.6469, 0.4604, 0.4726

Inverse Universe

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



5.8785, 0.1606, 0.0983



10.1894, 0.1599, 0.0956



3.7140, 0.1599, 0.0655



8.6220, 0.2985, 0.3124



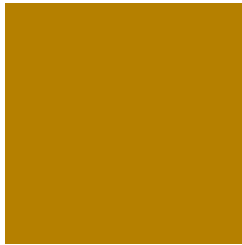
4.1597, 0.1612, 0.1004



0.2344, 0.1775, 0.1588

Previews

White Background



This preview shows how the Yxy color 25.2621, 0.4824, 0.4552 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 25.2621, 0.4824, 0.4552 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 25.2621, 0.4824, 0.4552

Background



This preview shows how black text looks on a background with the Yxy color 25.2621, 0.4824, 0.4552.



This preview shows how white text looks on a background with the Yxy color 25.2621, 0.4824, 0.4552.

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

25.2621, 0.4824, 0.4552

Protanopia

25.2690, 0.4386, 0.4848

Deuteranopia

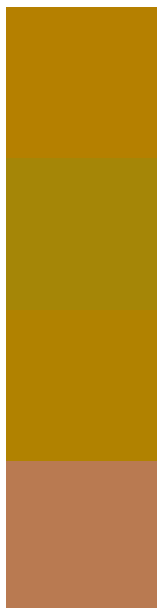
25.3466, 0.4718, 0.4636



Tritanopia

25.3170, 0.3874, 0.3165

Trichromacy



Original Color

25.2621, 0.4824, 0.4552

Protanomaly

25.0649, 0.4551, 0.4737

Deuteranomaly

25.3124, 0.4754, 0.4608

Tritanomaly

24.8274, 0.4421, 0.3858

Monochromacy



Original Color

25.2621, 0.4824, 0.4552

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6056, 0.3896, 0.4080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2621, 0.4824, 0.4552 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(181, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 128, 0)  
}
```

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(181, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 128, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.2621, 0.4824, 0.4552 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(181, 128, 0) }
```

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

```
.border{ border-color:rgb(181, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 128,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2621, 0.4824, 0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 128, 0) }
```

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

```
.background{ background-color: rgb(181,  
128, 0) }
```

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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