

Converting Colors

$Yxy(24.5145, 0.4648, 0.4691)$

Have a look what the booklet for
Yxy(24.5145, 0.4648, 0.4691)
contains.

Yxy(24.5574, 0.4641, 0.4697)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5574, 0.4641, 0.4697)

Conversions

Conversions Part 1

Format	Color
Hex	A88300
RGB	168, 131, 0
RGB Percent	66%, 51%, 0%
CMY	0.3412, 0.4863, 1.0000
CMYK	0.00, 0.22, 1.00, 0.34
HSL	47°, 100%, 33%
HSV	47°, 100%, 66%
XYZ	24.2646, 24.5574, 3.4611
YIQ	127.1290, 64.1030, -32.8970

Conversions

Conversions Part 2

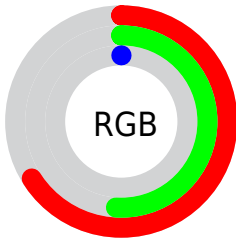
Format	Color
R_{YB}	47, 168, 0
Decimal	11043584
CIE Lab	56.64, 4.08, 61.89
CIE LCh	57, 62.023, 86.232
Yxy	24.5574, 0.4641, 0.4697
Android (android.graphics.Color)	4289233664 (0xFFA88300)
YUV	127.1290, -62.6746, 35.8439
Hunter-Lab	49.5554, 0.6798, 30.5478

Details

The Yxy color **24.5574, 0.4641, 0.4697** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4.1504, 0.1567, 0.0842**, and the grayscale version is **21.4744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0292, 0.4390, 0.4493**, and **9.4141, 0.4716, 0.4638** is the 20% darker color. If you saturate the color by 10%, you get **24.5581, 0.4641, 0.4697**, and if you desaturate by 10%, it is **25.6101, 0.4552, 0.4687**.

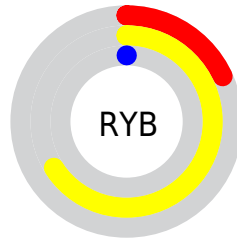
Distribution



Red (66%)

Green (51%)

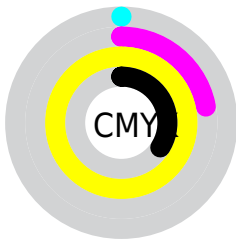
Blue (0%)



Red (18%)

Yellow (66%)

Blue (0%)

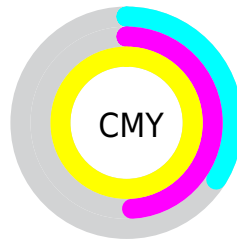


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (34%)



Cyan (34%)


Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5574, 0.4641, 0.4697 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 24.5574, 0.4641, 0.4697 by changing the saturation by 10% instead.


 24.5574, 0.4641,
0.4697


 24.5574, 0.4641,
0.4697


275.6265, 0.3896,
0.4028


 15.7476, 0.4782,
0.4810


 50.9383, 0.4394,
0.4484


 9.3457, 0.4983,
0.4970


 69.2782, 0.4292,
0.4393


 4.9674, 0.5038,
0.4962

 91.5635, 0.4203,
0.4312

 2.2281, 0.5087,
0.4913

 118.1788, 0.4125,
0.4241

 0.7353, 0.5206,
0.4794

 149.5083, 0.4057,
0.4178

 0.0000, 0.0000,
0.0000


 185.9365, 0.3997,


0.4122


 227.8478, 0.3943,
0.4073


 24.5574, 0.4641,
0.4697


 24.5574, 0.4641,
0.4697


 24.5581, 0.4641,
0.4697

 25.6101, 0.4552,
0.4687

 26.7310, 0.4440,
0.4640

 27.9354, 0.4302,
0.4548

 29.2296, 0.4142,
0.4416

 30.6192, 0.3970,
0.4253

■ 32.1092, 0.3791,
0.4069

■ 33.7041, 0.3613,
0.3874

■ 35.4079, 0.3441,
0.3675

■ 37.2246, 0.3278,
0.3479

Harmonies

Analogous

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



24.5574, 0.5156, 0.3965



24.5574, 0.4641, 0.4697



24.5574, 0.3782, 0.5238

Triad

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



24.5574, 0.4641, 0.4697



24.5574, 0.1510, 0.2857



24.5574, 0.3155, 0.2101

Complementary

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



24.5574, 0.4641, 0.4697



4.1504, 0.1567, 0.0842

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.



24.5574, 0.2222, 0.1817



24.5574, 0.4641, 0.4697



24.5574, 0.1415, 0.2113

Square

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



24.5574, 0.4641, 0.4697



24.5574, 0.1982, 0.4037



24.5574, 0.1648, 0.1803



24.5574, 0.4262, 0.2610

Rectangle

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



24.5574, 0.4641, 0.4697



24.5574, 0.3136, 0.5242



24.5574, 0.1648, 0.1803



24.5574, 0.2808, 0.1978

Sweetspot

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



24.5586, 0.4641, 0.4697



60.9963, 0.3623, 0.3885



8.4727, 0.5965, 0.3060



13.0361, 0.3694, 0.3964



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.5586, 0.4641, 0.4697



44.2351, 0.4651, 0.4689



32.2306, 0.3732, 0.5419



8.4893, 0.3267, 0.3465



18.6235, 0.4636, 0.4701



0.5208, 0.4464, 0.4837

Inverse Universe

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



4.1504, 0.1567, 0.0842



7.2682, 0.1560, 0.0816



3.3808, 0.1669, 0.0693



7.5585, 0.2986, 0.3109



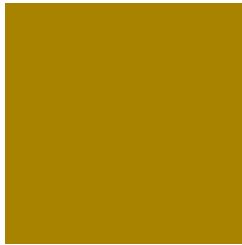
3.1989, 0.1571, 0.0856



0.1495, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 24.5574, 0.4641, 0.4697 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 24.5574, 0.4641, 0.4697 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 24.5574, 0.4641, 0.4697

Background



This preview shows how black text looks on a background with the Yxy color 24.5574, 0.4641, 0.4697.



This preview shows how white text looks on a background with the Yxy color 24.5574, 0.4641, 0.4697.

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

24.5574, 0.4641, 0.4697

Protanopia

24.7789, 0.4382, 0.4865

Deuteranopia

24.4909, 0.4694, 0.4614



Tritanopia

24.6717, 0.3678, 0.3158

Trichromacy



Original Color

24.5574, 0.4641, 0.4697

Protanomaly

24.7098, 0.4473, 0.4807

Deuteranomaly

24.6363, 0.4675, 0.4643

Tritanomaly

24.0624, 0.4217, 0.3917

Monochromacy



Original Color

24.5574, 0.4641, 0.4697

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.7832, 0.3837, 0.4105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5574, 0.4641, 0.4697 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(168, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 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(168, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.5574, 0.4641, 0.4697 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(168, 131, 0) }
```

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

```
.border{ border-color:rgb(168, 131, 0) }
```

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

Here you see how a box with a 4 pixel rgb(168, 131, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5574, 0.4641, 0.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 0) }
```

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

```
.background{ background-color: rgb(168,  
131, 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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