

Converting Colors

$Yxy(24.5824, 0.4883, 0.4487)$

Have a look what the booklet for
Yxy(24.5824, 0.4883, 0.4487)
contains.

Yxy(24.7433, 0.4879, 0.4491)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7433, 0.4879, 0.4491)

Conversions

Conversions Part 1

Format	Color
Hex	B77D04
RGB	183, 125, 4
RGB Percent	72%, 49%, 2%
CMY	0.2824, 0.5098, 0.9847
CMYK	0.00, 0.32, 0.98, 0.28
HSL	41°, 96%, 37%
HSV	41°, 98%, 72%
XYZ	26.8810, 24.7433, 3.4710
YIQ	128.5480, 73.4090, -25.3350

Conversions

Conversions Part 2

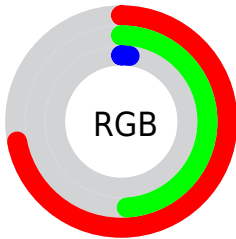
Format	Color
R _Y B	90, 183, 4
Decimal	12025092
CIE Lab	56.82, 14.30, 62.14
CIE LCh	57, 63.768, 77.040
Yxy	24.7433, 0.4879, 0.4491
Android (android.graphics.Color)	4290215172 (0xFFB77D04)
YUV	128.5480, -61.4022, 47.7544
Hunter-Lab	49.7426, 9.4121, 30.6826

Details

The Yxy color **24.7433, 0.4879, 0.4491** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **6.8752, 0.1643, 0.1095**, and the grayscale version is **21.9831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1196, 0.4585, 0.4330**, and **9.5289, 0.5059, 0.4365** is the 20% darker color. If you saturate the color by 10%, you get **24.4180, 0.4906, 0.4487**, and if you desaturate by 10%, it is **26.3398, 0.4748, 0.4502**.

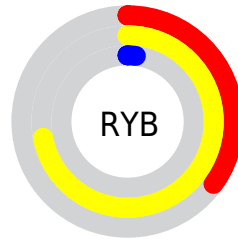
Distribution



Red (72%)

Green (49%)

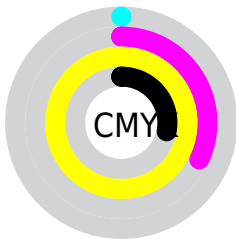
Blue (2%)



Red (35%)

Yellow (72%)

Blue (2%)

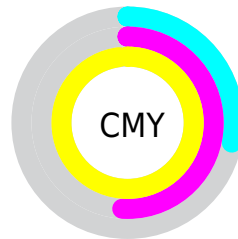


Cyan (0%)

Magenta (32%)

Yellow (98%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7433, 0.4879, 0.4491 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 24.7433, 0.4879, 0.4491 by changing the saturation by 10% instead.


 24.7433, 0.4879,
0.4491


 24.7433, 0.4879,
0.4491


276.5571, 0.4001,
0.3962


 15.8859, 0.5057,
0.4559


 51.2405, 0.4581,
0.4338


 9.4435, 0.5305,
0.4649


 69.6490, 0.4461,
0.4267


 5.0315, 0.5432,
0.4568

 92.0101, 0.4356,
0.4202

 2.2658, 0.5592,
0.4408

 118.7081, 0.4266,
0.4143

 0.7555, 0.5902,
0.4098

 150.1274, 0.4187,
0.4090

 0.0000, 1.0000,
0.0000

 186.6524, 0.4117,

 0.0000, 0.0000,


0.4043


0.0000

 228.6675, 0.4056,
0.4001


 24.7433, 0.4879,
0.4491


 24.7433, 0.4879,
0.4491


 24.4180, 0.4906,
0.4487

 26.3398, 0.4748,
0.4502

 28.0737, 0.4588,
0.4466

 29.9592, 0.4403,
0.4382

 32.0051, 0.4202,
0.4260

 34.2189, 0.3996,
0.4110

■ 36.6077, 0.3792,
0.3942

■ 39.1778, 0.3597,
0.3767

■ 41.9350, 0.3415,
0.3591

■ 44.8850, 0.3248,
0.3419

Harmonies

Analogous

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



24.7433, 0.5248, 0.3742



24.7433, 0.4879, 0.4491



24.7433, 0.4078, 0.5158

Triad

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



24.7433, 0.4879, 0.4491



24.7433, 0.1579, 0.3176



24.7433, 0.2827, 0.1962

Complementary

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



24.7433, 0.4879, 0.4491



6.8752, 0.1643, 0.1095

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.



24.7433, 0.1983, 0.1754



24.7433, 0.4879, 0.4491



24.7433, 0.1376, 0.2264

Square

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



24.7433, 0.4879, 0.4491



24.7433, 0.2181, 0.4449



24.7433, 0.1512, 0.1830



24.7433, 0.3948, 0.2416

Rectangle

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



24.7433, 0.4879, 0.4491



24.7433, 0.3433, 0.5344



24.7433, 0.1512, 0.1830



24.7433, 0.2504, 0.1863

Sweetspot

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



24.7446, 0.4879, 0.4491



69.4148, 0.3628, 0.3795



10.5158, 0.5575, 0.2862



14.8950, 0.3710, 0.3870



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.7446, 0.4879, 0.4491



43.3040, 0.4920, 0.4475



40.6551, 0.3904, 0.5270



9.9999, 0.3271, 0.3444



17.1662, 0.4895, 0.4495



0.7123, 0.4673, 0.4671

Inverse Universe

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



6.8752, 0.1643, 0.1095



11.3988, 0.1619, 0.1028



3.8389, 0.1590, 0.0660



9.1815, 0.2985, 0.3131



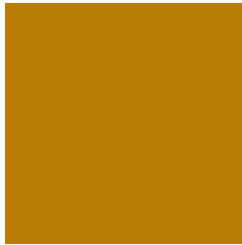
4.6967, 0.1633, 0.1077



0.2812, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 24.7433, 0.4879, 0.4491 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 24.7433, 0.4879, 0.4491 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 24.7433, 0.4879, 0.4491

Background



This preview shows how black text looks on a background with the Yxy color 24.7433, 0.4879, 0.4491.



This preview shows how white text looks on a background with the Yxy color 24.7433, 0.4879, 0.4491.

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

24.7433, 0.4879, 0.4491

Protanopia

24.7879, 0.4373, 0.4853

Deuteranopia

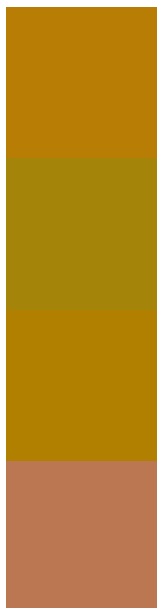
24.8495, 0.4710, 0.4642



Tritanopia

24.6628, 0.3939, 0.3166

Trichromacy



Original Color

24.7433, 0.4879, 0.4491

Protanomaly

24.7941, 0.4560, 0.4720

Deuteranomaly

24.7876, 0.4780, 0.4582

Tritanomaly

24.2268, 0.4460, 0.3814

Monochromacy



Original Color

24.7433, 0.4879, 0.4491

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.4680, 0.3894, 0.4029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7433, 0.4879, 0.4491 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(183, 125, 4)` looks like.

```
.text, #text, p{  
    color:rgb(183, 125, 4)  
}
```

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(183, 125, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 125, 4) }
```

Border

The CSS property to change the border of an element to Yxy 24.7433, 0.4879, 0.4491 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(183, 125, 4) }
```

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

```
.border{ border-color:rgb(183, 125, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 125, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 125, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 125, 4);  
box-shadow:4px 4px 4px 4px rgb(183, 125,  
4) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7433, 0.4879, 0.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 125, 4) }
```

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

```
.background{ background-color: rgb(183,  
125, 4) }
```

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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