

Converting Colors

$Y_{xy}(10.0442, 0.5170, 0.4758)$

Have a look what the booklet for
Yxy(10.0442, 0.5170, 0.4758)
contains.

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Color

Yxy(10.0958, 0.4923, 0.4473)

Conversions

Conversions Part 1

Format	Color
Hex	7B5100
RGB	123, 81, 0
RGB Percent	48%, 32%, 0%
CMY	0.5176, 0.6824, 1.0000
CMYK	0.00, 0.34, 1.00, 0.52
HSL	40°, 100%, 24%
HSV	40°, 100%, 48%
XYZ	11.1115, 10.0958, 1.3633
YIQ	84.3240, 51.0330, -16.2870

Conversions

Conversions Part 2

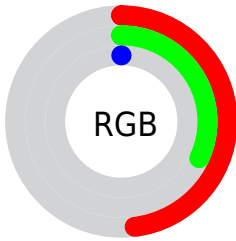
Format	Color
RYB	64, 123, 0
Decimal	8081664
CIELab	38.01, 11.66, 46.69
CIElCh	38, 48.121, 75.972
Yxy	10.0958, 0.4923, 0.4473
Android (android.graphics.Color)	4286271744 (0xFF7B5100)
YUV	84.3240, -41.5717, 33.9189
Hunter-Lab	31.7739, 6.8180, 19.6979

Details

The Yxy color **10.0958, 0.4923, 0.4473** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.0873, 0.1656, 0.1161**, and the grayscale version is **9.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9444, 0.4536, 0.4280**, and **2.5883, 0.5159, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **10.0957, 0.4923, 0.4473**, and if you desaturate by 10%, it is **10.7674, 0.4773, 0.4468**.

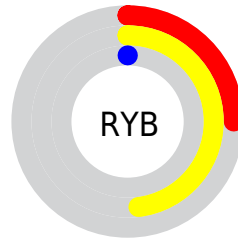
Distribution



Red (48%)

Green (32%)

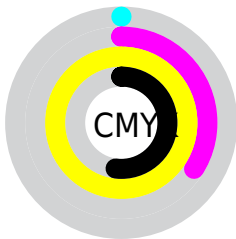
Blue (0%)



Red (25%)

Yellow (48%)

Blue (0%)

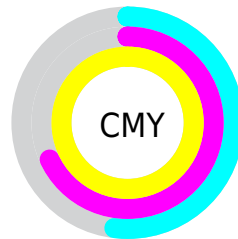


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (52%)



Cyan (52%)


Magenta (68%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0958, 0.4923, 0.4473 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 10.0958, 0.4923, 0.4473 by changing the saturation by 10% instead.


 10.0958, 0.4923,
0.4473


 10.0958, 0.4923,
0.4473


 191.3544, 0.3884,
0.3864


 5.4625, 0.5269,
0.4635

 25.9755, 0.4531,
0.4280


 2.5211, 0.5446,
0.4554

 37.9908, 0.4384,
0.4194


 0.8872, 0.5670,
0.4330

 53.2355, 0.4263,
0.4119

 0.0000, 1.0000,
0.0000


 72.0940, 0.4161,
0.4053

 0.0000, 0.0000,
0.0000

 94.9508, 0.4075,
0.3996

 122.1902, 0.4002,


0.3946

 154.1966, 0.3939,
0.3903


 10.0958, 0.4923,
0.4473


 10.0958, 0.4923,
0.4473


 10.0957, 0.4923,
0.4473

 10.7674, 0.4773,
0.4468

 11.4918, 0.4608,
0.4433

 12.2794, 0.4421,
0.4354

 13.1336, 0.4220,
0.4239

 14.0576, 0.4016,
0.4097

■ 15.0538, 0.3814,
0.3940

■ 16.1249, 0.3622,
0.3774

■ 17.2732, 0.3442,
0.3608

■ 18.5009, 0.3277,
0.3445

Harmonies

Analogous

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



10.0958, 0.5281, 0.3715



10.0958, 0.4923, 0.4473



10.0958, 0.4118, 0.5165

Triad

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



10.0958, 0.4923, 0.4473



10.0958, 0.1572, 0.3214



10.0958, 0.2784, 0.1933

Complementary

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



10.0958, 0.4923, 0.4473



3.0873, 0.1656, 0.1161

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.



10.0958, 0.1944, 0.1732



10.0958, 0.4923, 0.4473



10.0958, 0.1355, 0.2270

Square

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



10.0958, 0.4923, 0.4473



10.0958, 0.2193, 0.4516



10.0958, 0.1481, 0.1818



10.0958, 0.3919, 0.2383

Rectangle

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



10.0958, 0.4923, 0.4473



10.0958, 0.3467, 0.5379



10.0958, 0.1481, 0.1818



10.0958, 0.2461, 0.1836

Sweetspot

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



10.0963, 0.4923, 0.4473



28.7250, 0.3636, 0.3787



4.3865, 0.5490, 0.2798



6.6049, 0.3702, 0.3845



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.0963, 0.4923, 0.4473



17.8045, 0.4945, 0.4456



17.1438, 0.3940, 0.5254



4.4143, 0.3262, 0.3431



10.4327, 0.4924, 0.4472



48.1369, 0.4973, 0.4434

Inverse Universe

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



3.0873, 0.1656, 0.1161



5.2805, 0.1644, 0.1119



1.5635, 0.1582, 0.0645



4.0967, 0.2994, 0.3145



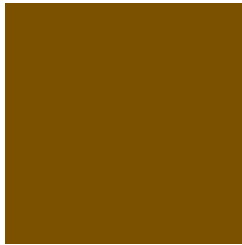
3.1835, 0.1655, 0.1158



13.7471, 0.1630, 0.1068

Previews

White Background



This preview shows how the Yxy color 10.0958, 0.4923, 0.4473 looks on a white background.

Color Contrast Check

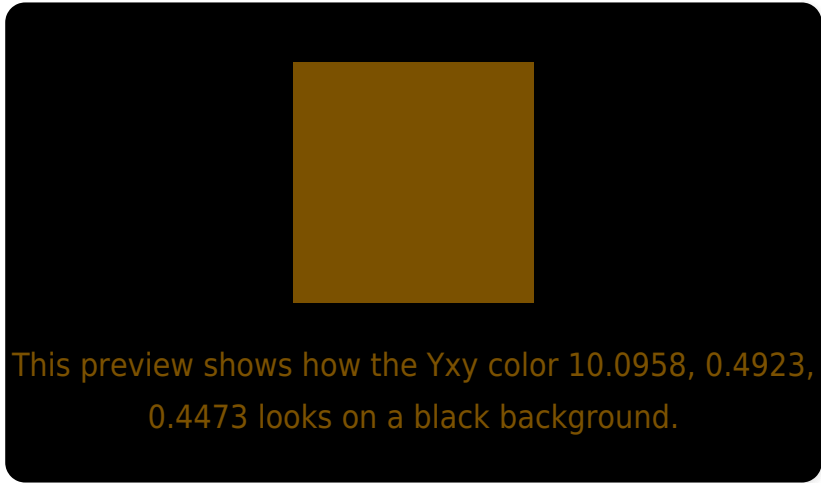
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

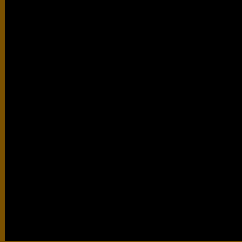
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.0958, 0.4923, 0.4473

Background



This preview shows how black text looks on a background with the Yxy color 10.0958, 0.4923, 0.4473.



This preview shows how white text looks on a background with the Yxy color 10.0958, 0.4923, 0.4473.

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

10.0958, 0.4923, 0.4473

Protanopia

10.1546, 0.4363, 0.4826

Tritanopia

10.0619, 0.3973, 0.3171

Trichromacy



Original Color

10.0958, 0.4923, 0.4473

Protanomaly

10.1423, 0.4570, 0.4698

Tritanomaly

9.9157, 0.4479, 0.3786

Monochromacy



Original Color

10.0958, 0.4923, 0.4473

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.0402, 0.3905, 0.4024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0958, 0.4923, 0.4473 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(123, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 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(123, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.0958, 0.4923, 0.4473 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(123, 81, 0) }
```

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

```
.border{ border-color:rgb(123, 81, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 10.0958, 0.4923, 0.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 0) }
```

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

```
.background{ background-color: rgb(123, 81,  
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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