

Converting Colors

$Y_{xy}(11.3624, 0.4684, 0.4663)$

Have a look what the booklet for
Yxy(11.3624, 0.4684, 0.4663)
contains.

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Color

Yxy(11.3054, 0.4694, 0.4655)

Conversions

Conversions Part 1

Format	Color
Hex	785A00
RGB	120, 90, 0
RGB Percent	47%, 35%, 0%
CMY	0.5295, 0.6470, 1.0000
CMYK	0.00, 0.25, 1.00, 0.53
HSL	45°, 100%, 24%
HSV	45°, 100%, 47%
XYZ	11.4001, 11.3054, 1.5811
YIQ	88.7100, 46.7700, -21.6300

Conversions

Conversions Part 2

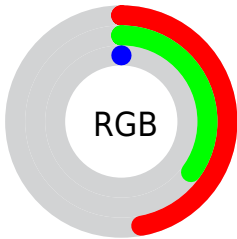
Format	Color
RYB	40, 120, 0
Decimal	7887360
CIELab	40.09, 4.81, 47.91
CIELCh	40, 48.155, 84.263
Yxy	11.3054, 0.4694, 0.4655
Android (android.graphics.Color)	4286077440 (0xFF785A00)
YUV	88.7100, -43.7340, 27.4413
Hunter-Lab	33.6235, 1.6797, 20.7485

Details

The Yxy color **11.3054, 0.4694, 0.4655** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.2828, 0.1596, 0.0946**, and the grayscale version is **10.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2817, 0.4368, 0.4408**, and **3.0701, 0.4824, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **11.3060, 0.4694, 0.4655**, and if you desaturate by 10%, it is **11.8485, 0.4582, 0.4630**.

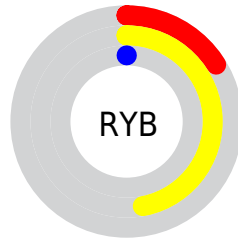
Distribution



Red (47%)

Green (35%)

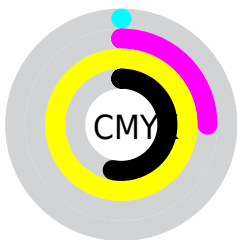
Blue (0%)



Red (16%)

Yellow (47%)

Blue (0%)

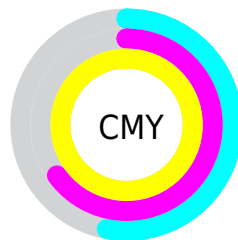


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3054, 0.4694, 0.4655 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 11.3054, 0.4694, 0.4655 by changing the saturation by 10% instead.


 11.3054, 0.4694,
0.4655

 11.3054, 0.4694,
0.4655


 199.7510, 0.3813,
0.3921


 6.2726, 0.4944,
0.4842


 28.2235, 0.4371,
0.4403


 3.0116, 0.5102,
0.4898

 40.8777, 0.4247,
0.4299


 1.1378, 0.5187,
0.4813

 56.8411, 0.4143,
0.4211

 0.0100, 0.9271,
0.0729

 76.4982, 0.4055,
0.4135

 0.0000, 0.0000,
0.0000


 100.2333, 0.3981,
0.4070


 128.4309, 0.3917,


0.4013

 161.4753, 0.3861,
0.3964

 11.3054, 0.4694,
0.4655

 11.3054, 0.4694,
0.4655


 11.3060, 0.4694,
0.4655

 11.8485, 0.4582,
0.4630

 12.4244, 0.4455,
0.4578

 13.0433, 0.4305,
0.4483

 13.7078, 0.4137,
0.4353

 14.4205, 0.3960,
0.4196

■ 15.1834, 0.3780,
0.4020

■ 15.9987, 0.3603,
0.3836

■ 16.8681, 0.3434,
0.3649

■ 17.7934, 0.3274,
0.3466

Harmonies

Analogous

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



11.3054, 0.5180, 0.3918



11.3054, 0.4694, 0.4655



11.3054, 0.3846, 0.5228

Triad

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



11.3054, 0.4694, 0.4655



11.3054, 0.1522, 0.2920



11.3054, 0.3084, 0.2070

Complementary

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



11.3054, 0.4694, 0.4655



2.2828, 0.1596, 0.0946

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.



11.3054, 0.2168, 0.1802



11.3054, 0.4694, 0.4655



11.3054, 0.1404, 0.2141

Square

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



11.3054, 0.4694, 0.4655



11.3054, 0.2021, 0.4125



11.3054, 0.1616, 0.1806



11.3054, 0.4198, 0.2568

Rectangle

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



11.3054, 0.4694, 0.4655



11.3054, 0.3198, 0.5273



11.3054, 0.1616, 0.1806



11.3054, 0.2742, 0.1952

Sweetspot

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



11.3060, 0.4694, 0.4655



28.0389, 0.3616, 0.3850



4.0855, 0.5840, 0.2991



6.5270, 0.3676, 0.3913



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.3060, 0.4694, 0.4655



19.6743, 0.4708, 0.4644



15.6018, 0.3773, 0.5386



4.4724, 0.3260, 0.3450



12.3150, 0.4696, 0.4653



57.3417, 0.4728, 0.4628

Inverse Universe

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



2.2828, 0.1596, 0.0946



3.8267, 0.1586, 0.0908



1.6316, 0.1675, 0.0696



4.0413, 0.2994, 0.3125



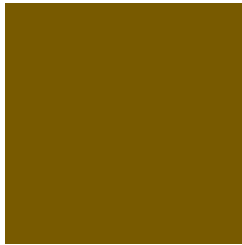
2.4705, 0.1594, 0.0939



10.6188, 0.1572, 0.0860

Previews

White Background



This preview shows how the Yxy color 11.3054, 0.4694, 0.4655 looks on a white background.

Color Contrast Check

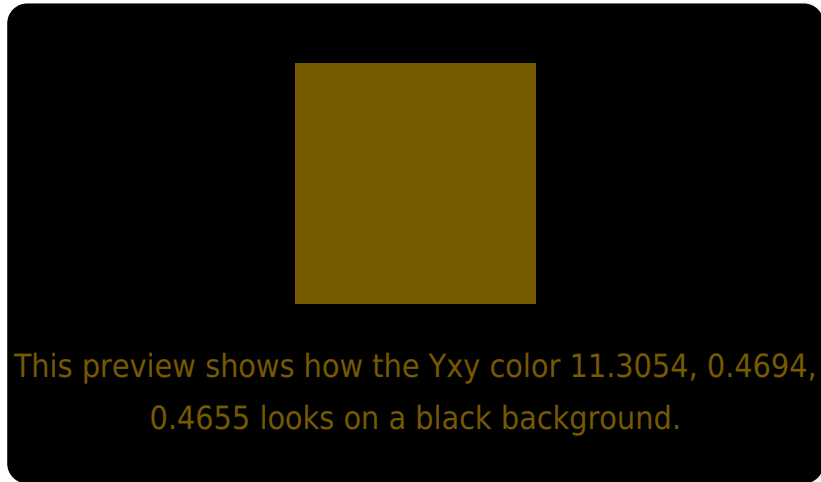
Large Text (above 18pt) WCAG AA ✓ Pass

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

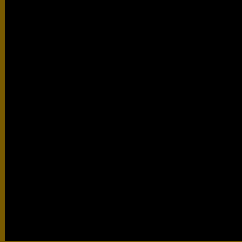
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3054, 0.4694, 0.4655

Background



This preview shows how black text looks on a background with the Yxy color 11.3054, 0.4694, 0.4655.



This preview shows how white text looks on a background with the Yxy color 11.3054, 0.4694, 0.4655.

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

11.3054, 0.4694, 0.4655

Protanopia

11.3256, 0.4362, 0.4846

Deuteranopia

11.3076, 0.4690, 0.4649



Tritanopia

11.3639, 0.3717, 0.3169

Trichromacy



Original Color

11.3054, 0.4694, 0.4655

Protanomaly

11.2822, 0.4493, 0.4774

Deuteranomaly

11.3076, 0.4690, 0.4649

Tritanomaly

11.1619, 0.4252, 0.3879

Monochromacy



Original Color

11.3054, 0.4694, 0.4655

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1495, 0.3820, 0.4053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3054, 0.4694, 0.4655 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(120, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 90, 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(120, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 90, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3054, 0.4694, 0.4655 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(120, 90, 0) }
```

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

```
.border{ border-color:rgb(120, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 90, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3054, 0.4694, 0.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 90, 0) }
```

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

```
.background{ background-color: rgb(120, 90,  
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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