

Converting Colors

$Y_{xy}(11.0312, 0.5018, 0.4982)$

Have a look what the booklet for
Yxy(11.0312, 0.5018, 0.4982)
contains.

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Color

Yxy(11.2097, 0.4729, 0.4627)

Conversions

Conversions Part 1

Format	Color
Hex	795900
RGB	121, 89, 0
RGB Percent	47%, 35%, 0%
CMY	0.5255, 0.6510, 0.9999
CMYK	0.00, 0.26, 1.00, 0.53
HSL	44°, 100%, 24%
HSV	44°, 100%, 47%
XYZ	11.4568, 11.2097, 1.5602
YIQ	88.4220, 47.6410, -20.8950

Conversions

Conversions Part 2

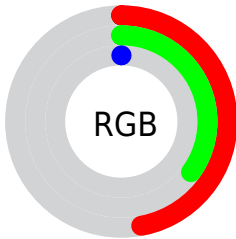
Format	Color
RYB	44, 121, 0
Decimal	7952640
CIELab	39.93, 5.91, 47.86
CIELCh	40, 48.219, 82.965
Yxy	11.2097, 0.4729, 0.4627
Android (android.graphics.Color)	4286142720 (0xFF795900)
YUV	88.4220, -43.5920, 28.5709
Hunter-Lab	33.4809, 2.4893, 20.6737

Details

The Yxy color **11.2097, 0.4729, 0.4627** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.4135, 0.1605, 0.0976**, and the grayscale version is **9.9465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1078, 0.4389, 0.4390**, and **2.9947, 0.4858, 0.4525** is the 20% darker color. If you saturate the color by 10%, you get **11.2095, 0.4729, 0.4627**, and if you desaturate by 10%, it is **11.7812, 0.4611, 0.4605**.

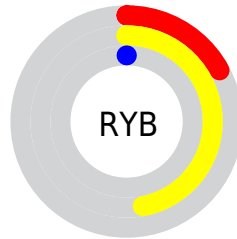
Distribution



Red (47%)

Green (35%)

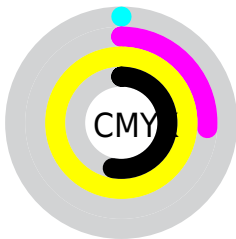
Blue (0%)



Red (17%)

Yellow (47%)

Blue (0%)

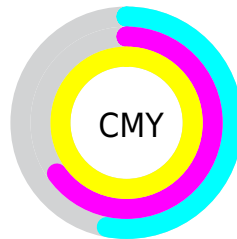


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2097, 0.4729, 0.4627 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 11.2097, 0.4729, 0.4627 by changing the saturation by 10% instead.


 11.2097, 0.4729,
0.4627


 11.2097, 0.4729,
0.4627


 199.1006, 0.3825,
0.3913


 6.2081, 0.4990,
0.4807

 28.0473, 0.4397,
0.4384


 2.9720, 0.5154,
0.4846

 40.6520, 0.4269,
0.4284


 1.1171, 0.5259,
0.4741

 56.5599, 0.4163,
0.4197

 0.0000, 1.0000,
0.0000


 76.1554, 0.4073,
0.4123


 0.0000, 0.0000,
0.0000

 99.8228, 0.3996,
0.4059


 127.9465, 0.3931,

0.4004

 160.9110, 0.3874,
0.3955


 11.2097, 0.4729,
0.4627


 11.2097, 0.4729,
0.4627


 11.2095, 0.4729,
0.4627

 11.7812, 0.4611,
0.4605

 12.3887, 0.4479,
0.4556

 13.0424, 0.4323,
0.4464

 13.7452, 0.4150,
0.4335

 14.4995, 0.3969,
0.4180

■ 15.3077, 0.3785,
0.4008

■ 16.1719, 0.3606,
0.3826

■ 17.0940, 0.3435,
0.3643

■ 18.0758, 0.3275,
0.3463

Harmonies

Analogous

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



11.2097, 0.5196, 0.3886



11.2097, 0.4729, 0.4627



11.2097, 0.3888, 0.5219

Triad

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



11.2097, 0.4729, 0.4627



11.2097, 0.1529, 0.2963



11.2097, 0.3037, 0.2049

Complementary

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



11.2097, 0.4729, 0.4627



2.4135, 0.1605, 0.0976

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.



11.2097, 0.2133, 0.1791



11.2097, 0.4729, 0.4627



11.2097, 0.1397, 0.2160

Square

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



11.2097, 0.4729, 0.4627



11.2097, 0.2047, 0.4184



11.2097, 0.1596, 0.1808



11.2097, 0.4155, 0.2540

Rectangle

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



11.2097, 0.4729, 0.4627



11.2097, 0.3240, 0.5291



11.2097, 0.1596, 0.1808



11.2097, 0.2698, 0.1935

Sweetspot

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



11.2103, 0.4729, 0.4627



28.8420, 0.3619, 0.3840



4.1705, 0.5787, 0.2962



6.4735, 0.3679, 0.3902



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.



11.2103, 0.4729, 0.4627



19.8391, 0.4745, 0.4614



15.9877, 0.3800, 0.5364



4.4631, 0.3261, 0.3447



11.9956, 0.4731, 0.4625



55.7724, 0.4766, 0.4598

Inverse Universe

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



2.4135, 0.1605, 0.0976



4.1139, 0.1594, 0.0936



1.6310, 0.1657, 0.0686



4.0501, 0.2994, 0.3128



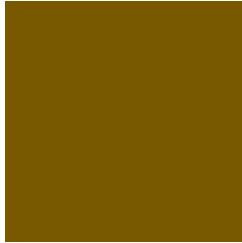
2.5691, 0.1603, 0.0971



11.0411, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 11.2097, 0.4729, 0.4627 looks on a white background.

Color Contrast Check

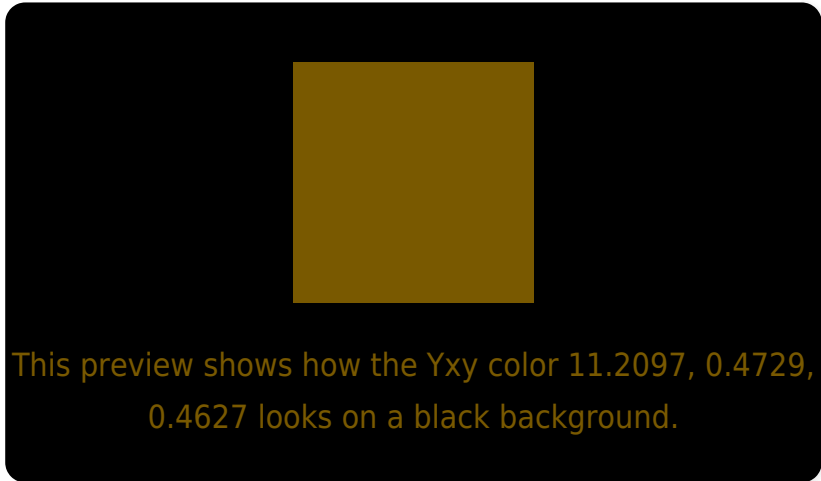
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2097, 0.4729, 0.4627

Background



This preview shows how black text looks on a background with the Yxy color 11.2097, 0.4729, 0.4627.



This preview shows how white text looks on a background with the Yxy color 11.2097, 0.4729, 0.4627.

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

11.2097, 0.4729, 0.4627

Protanopia

11.3256, 0.4362, 0.4846

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2678, 0.3757, 0.3170

Trichromacy



Original Color

11.2097, 0.4729, 0.4627

Protanomaly

11.2822, 0.4493, 0.4774

Deuteranomaly

11.3054, 0.4694, 0.4655

Tritanomaly

11.0775, 0.4280, 0.3855

Monochromacy



Original Color

11.2097, 0.4729, 0.4627

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.9743, 0.3845, 0.4054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2097, 0.4729, 0.4627 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(121, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 89, 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(121, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 89, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2097, 0.4729, 0.4627 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(121, 89, 0) }
```

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

```
.border{ border-color:rgb(121, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(121, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 89, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2097, 0.4729, 0.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 89, 0) }
```

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

```
.background{ background-color: rgb(121, 89,  
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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