

Converting Colors

$Y_{xy}(11.4444, 0.4779, 0.3732)$

Have a look what the booklet for
Yxy(11.4444, 0.4779, 0.3732)
contains.

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Color

Yxy(11.3864, 0.4776, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	8F4D33
RGB	143, 77, 51
RGB Percent	56%, 30%, 20%
CMY	0.4392, 0.6980, 0.8000
CMYK	0.00, 0.46, 0.64, 0.44
HSL	17°, 47%, 38%
HSV	17°, 64%, 56%
XYZ	14.5795, 11.3864, 4.5607
YIQ	93.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

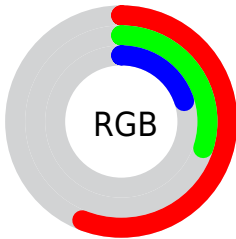
Format	Color
R _Y B	143, 87, 51
Decimal	9391411
CIE Lab	40.22, 25.31, 27.48
CIE LCh	40, 37.359, 47.356
Yxy	11.3864, 0.4776, 0.3730
Android (android.graphics.Color)	4287581491 (0xFF8F4D33)
YUV	93.7700, -21.0856, 43.1747
Hunter-Lab	33.7437, 18.0720, 15.6072

Details

The Yxy color **11.3864, 0.4776, 0.3730** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.4086, 0.2249, 0.2733**, and the grayscale version is **11.1788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3399, 0.4354, 0.3671**, and **3.0164, 0.5614, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **9.9556, 0.5144, 0.3752**, and if you desaturate by 10%, it is **13.0837, 0.4422, 0.3681**.

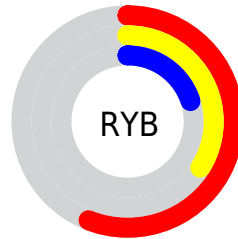
Distribution



Red (56%)

Green (30%)

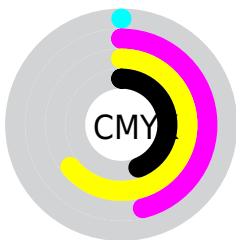
Blue (20%)



Red (56%)

Yellow (34%)

Blue (20%)

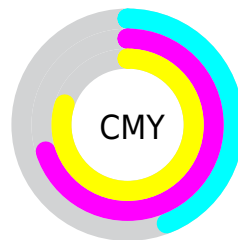


Cyan (0%)

Magenta (46%)

Yellow (64%)

Black (44%)



Cyan (44%)


Magenta (70%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3864, 0.4776, 0.3730 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 11.3864, 0.4776, 0.3730 by changing the saturation by 10% instead.


 11.3864, 0.4776,
0.3730

 11.3864, 0.4776,
0.3730


200.2996, 0.3767,
0.3521


 6.3274, 0.5102,
0.3750


 28.3725, 0.4356,
0.3668

 3.0451, 0.5605,
0.3758

 41.0684, 0.4215,
0.3639


 1.1553, 0.6354,
0.3646

 57.0786, 0.4102,
0.3613

 0.0248, 0.9628,
0.0372

 76.7877, 0.4010,
0.3590

 0.0000, 0.0000,
0.0000

 100.5799, 0.3933,
0.3570

 128.8397, 0.3869,

0.3552

161.9515, 0.3814,
0.3536

■ 11.3864, 0.4776,
0.3730

■ 11.3864, 0.4776,
0.3730

■ 9.9556, 0.5144,
0.3752

■ 13.0837, 0.4422,
0.3681

■ 8.7751, 0.5500,
0.3737

■ 15.0587, 0.4101,
0.3615

■ 7.8295, 0.5807,
0.3679

■ 17.3243, 0.3818,
0.3541

■ 7.3861, 0.5969,
0.3643

■ 19.8920, 0.3575,
0.3464

■ 22.7724, 0.3369,
0.3390

■ 25.9758, 0.3194,
0.3319

■ 29.5121, 0.3047,
0.3253

■ 33.3906, 0.2923,
0.3193

■ 37.6203, 0.2818,
0.3138

Harmonies

Analogous

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



11.3864, 0.4498, 0.3135



11.3864, 0.4776, 0.3730



11.3864, 0.4537, 0.4321

Triad

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



11.3864, 0.4776, 0.3730



11.3864, 0.2410, 0.4134



11.3864, 0.2232, 0.2052

Complementary

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



11.3864, 0.4776, 0.3730



15.4086, 0.2249, 0.2733

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.



11.3864, 0.1827, 0.2130



11.3864, 0.4776, 0.3730



11.3864, 0.1903, 0.3227

Square

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



11.3864, 0.4776, 0.3730



11.3864, 0.3152, 0.4758



11.3864, 0.1713, 0.2510



11.3864, 0.2918, 0.2224

Rectangle

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



11.3864, 0.4776, 0.3730



11.3864, 0.4160, 0.4647



11.3864, 0.1713, 0.2510



11.3864, 0.2064, 0.2048

Sweetspot

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



11.3870, 0.4776, 0.3730



38.0977, 0.3469, 0.3427



9.5263, 0.3624, 0.2184



8.4354, 0.3523, 0.3447



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.3870, 0.4776, 0.3730



16.8681, 0.5300, 0.3751



19.8840, 0.4213, 0.4449



5.6569, 0.3275, 0.3353



6.5625, 0.5960, 0.3650



0.0963, 0.5233, 0.4227

Inverse Universe

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



15.4086, 0.2249, 0.2733



24.5064, 0.2119, 0.2585



7.3819, 0.2016, 0.1716



5.8622, 0.2990, 0.3226



10.2933, 0.1991, 0.2369



0.1359, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 11.3864, 0.4776, 0.3730 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



This preview shows how the Yxy color 11.3864, 0.4776, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

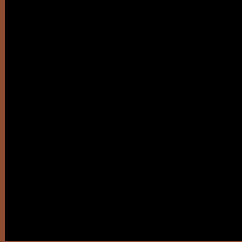
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3864, 0.4776, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 11.3864, 0.4776, 0.3730.



This preview shows how white text looks on a background with the Yxy color 11.3864, 0.4776, 0.3730.

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

11.3864, 0.4776, 0.3730

Protanopia

11.4330, 0.3821, 0.4135

Deuteranopia

11.4775, 0.4224, 0.4175



Tritanopia

11.4818, 0.4338, 0.3206

Trichromacy



Original Color

11.3864, 0.4776, 0.3730

Protanomaly

11.1068, 0.4176, 0.3981

Deuteranomaly

11.3129, 0.4423, 0.4007

Tritanomaly

11.3911, 0.4503, 0.3399

Monochromacy



Original Color

11.3864, 0.4776, 0.3730

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9743, 0.3696, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3864, 0.4776, 0.3730 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(143, 77, 51)` looks like.

```
.text, #text, p{  
    color:rgb(143, 77, 51)  
}
```

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(143, 77, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 77, 51) }
```

Border

The CSS property to change the border of an element to Yxy 11.3864, 0.4776, 0.3730 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(143, 77, 51) }
```

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

```
.border{ border-color:rgb(143, 77, 51) }
```

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

Here you see how a box with a 4 pixel rgb(143, 77, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 77, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 77, 51);  
box-shadow:4px 4px 4px 4px rgb(143, 77,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3864, 0.4776, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 77, 51) }
```

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

```
.background{ background-color: rgb(143, 77,  
51) }
```

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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