

Converting Colors

$Y_{xy}(11.8430, 0.4585, 0.4396)$

Have a look what the booklet for
Yxy(11.8430, 0.4585, 0.4396)
contains.

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Color

Yxy(11.9260, 0.4582, 0.4404)

Conversions

Conversions Part 1

Format	Color
Hex	7D5B1C
RGB	125, 91, 28
RGB Percent	49%, 36%, 11%
CMY	0.5098, 0.6431, 0.8902
CMYK	0.00, 0.27, 0.78, 0.51
HSL	39°, 63%, 30%
HSV	39°, 78%, 49%
XYZ	12.4080, 11.9260, 2.7459
YIQ	93.9840, 40.4870, -12.3850

Conversions

Conversions Part 2

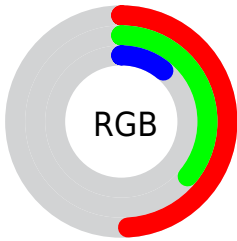
Format	Color
RYB	80, 125, 28
Decimal	8215324
CIELab	41.10, 7.53, 39.79
CIELCh	41, 40.501, 79.284
Yxy	11.9260, 0.4582, 0.4404
Android (android.graphics.Color)	4286405404 (0xFF7D5B1C)
YUV	93.9840, -32.5301, 27.2010
Hunter-Lab	34.5340, 3.7002, 19.4595

Details

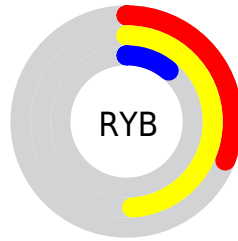
The Yxy color **11.9260, 0.4582, 0.4404** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.1712, 0.1894, 0.1659**, and the grayscale version is **11.2608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3953, 0.4256, 0.4186**, and **3.2545, 0.4944, 0.4456** is the 20% darker color. If you saturate the color by 10%, you get **11.1514, 0.4757, 0.4448**, and if you desaturate by 10%, it is **12.7704, 0.4387, 0.4317**.

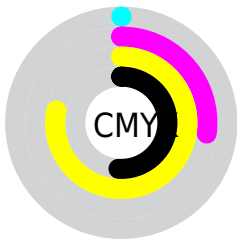
Distribution



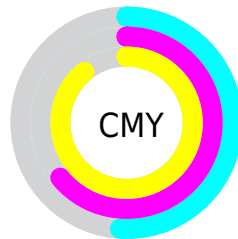
- Red (49%)
- Green (36%)
- Blue (11%)



- Red (31%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (51%)




- Cyan (51%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9260, 0.4582, 0.4404 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 11.9260, 0.4582, 0.4404 by changing the saturation by 10% instead.


 11.9260, 0.4582,
0.4404


 11.9260, 0.4582,
0.4404


 203.9148, 0.3734,
0.3792


 6.6933, 0.4809,
0.4536


 29.3603, 0.4252,
0.4182


 3.2710, 0.5218,
0.4782

 42.3306, 0.4133,
0.4096

 1.2748, 0.5341,
0.4659

 58.6490, 0.4035,
0.4024

 0.1216, 0.7112,
0.2888


 78.6998, 0.3954,
0.3963


 0.0000, 0.0000,
0.0000


 102.8673, 0.3886,
0.3911


 131.5361, 0.3828,

0.3865


 165.0904, 0.3777,
0.3826


 11.9260, 0.4582,
0.4404


 11.9260, 0.4582,
0.4404


 11.1514, 0.4757,
0.4448

 12.7704, 0.4387,
0.4317


 10.4378, 0.4910,
0.4453

 13.6862, 0.4181,
0.4197

 10.2738, 0.4948,
0.4453

 14.6772, 0.3973,
0.4052

 15.7463, 0.3771,
0.3894

 16.8959, 0.3580,
0.3729

■ 18.1285, 0.3402,
0.3565

■ 19.4466, 0.3240,
0.3406

■ 20.8521, 0.3093,
0.3255

■ 22.3473, 0.2962,
0.3112

Harmonies

Analogous

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



11.9260, 0.4879, 0.3780



11.9260, 0.4582, 0.4404



11.9260, 0.3915, 0.4871

Triad

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



11.9260, 0.4582, 0.4404



11.9260, 0.1808, 0.3156



11.9260, 0.2957, 0.2186

Complementary

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



11.9260, 0.4582, 0.4404



5.1712, 0.1894, 0.1659

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.



11.9260, 0.2216, 0.1989



11.9260, 0.4582, 0.4404



11.9260, 0.1635, 0.2419

Square

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



11.9260, 0.4582, 0.4404



11.9260, 0.2316, 0.4136



11.9260, 0.1774, 0.2049



11.9260, 0.3872, 0.2598

Rectangle

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



11.9260, 0.4582, 0.4404



11.9260, 0.3369, 0.4931



11.9260, 0.1774, 0.2049



11.9260, 0.2680, 0.2094

Sweetspot

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



11.9266, 0.4582, 0.4404



31.1327, 0.3506, 0.3663



5.5552, 0.4731, 0.2686



6.9326, 0.3561, 0.3712



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.



11.9266, 0.4582, 0.4404



18.9872, 0.4871, 0.4450



18.1999, 0.3922, 0.5015



4.7736, 0.3264, 0.3430



10.7094, 0.4950, 0.4452



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.1712, 0.1894, 0.1659



6.4618, 0.1706, 0.1276



2.7806, 0.1830, 0.1012



4.4392, 0.2993, 0.3146



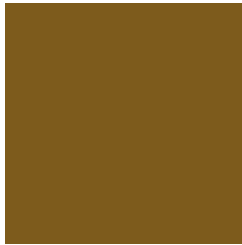
3.3979, 0.1661, 0.1178



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.9260, 0.4582, 0.4404 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 11.9260, 0.4582, 0.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

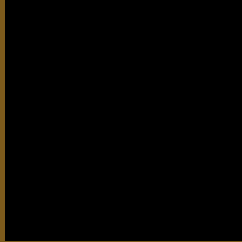
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9260, 0.4582, 0.4404

Background



This preview shows how black text looks on a background with the Yxy color 11.9260, 0.4582, 0.4404.



This preview shows how white text looks on a background with the Yxy color 11.9260, 0.4582, 0.4404.

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

11.9260, 0.4582, 0.4404

Protanopia

11.8943, 0.4214, 0.4635

Deuteranopia

11.8710, 0.4528, 0.4460



Tritanopia

11.9195, 0.3778, 0.3173

Trichromacy



Original Color

11.9260, 0.4582, 0.4404

Protanomaly

11.9180, 0.4351, 0.4555

Deuteranomaly

11.9444, 0.4543, 0.4451

Tritanomaly

11.8229, 0.4144, 0.3669

Monochromacy



Original Color

11.9260, 0.4582, 0.4404

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.2742, 0.3674, 0.3819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9260, 0.4582, 0.4404 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(125, 91, 28)` looks like.

```
.text, #text, p{  
    color:rgb(125, 91, 28)  
}
```

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(125, 91, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 91, 28) }
```

Border

The CSS property to change the border of an element to Yxy 11.9260, 0.4582, 0.4404 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(125, 91, 28) }
```

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

```
.border{ border-color:rgb(125, 91, 28) }
```

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

Here you see how a box with a 4 pixel rgb(125, 91, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 91, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 91, 28);  
box-shadow:4px 4px 4px 4px rgb(125, 91,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9260, 0.4582, 0.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 91, 28) }
```

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

```
.background{ background-color: rgb(125, 91,  
28) }
```

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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