

Converting Colors

$Y_{xy}(11.2170, 0.5149, 0.4185)$

Have a look what the booklet for
Yxy(11.2170, 0.5149, 0.4185)
contains.

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Color

Yxy(11.2812, 0.5143, 0.4190)

Conversions

Conversions Part 1

Format	Color
Hex	8D4F0C
RGB	141, 79, 12
RGB Percent	55%, 31%, 5%
CMY	0.4471, 0.6902, 0.9529
CMYK	0.00, 0.44, 0.91, 0.45
HSL	31°, 84%, 30%
HSV	31°, 91%, 55%
XYZ	13.8471, 11.2812, 1.7958
YIQ	89.9000, 58.4590, -7.6930

Conversions

Conversions Part 2

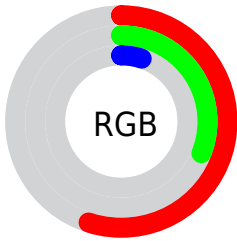
Format	Color
RYB	131, 141, 12
Decimal	9260812
CIELab	40.05, 21.50, 45.73
CIElCh	40, 50.530, 64.821
Yxy	11.2812, 0.5143, 0.4190
Android (android.graphics.Color)	4287450892 (0xFF8D4F0C)
YUV	89.9000, -38.4047, 44.8147
Hunter-Lab	33.5875, 14.8118, 20.3412

Details

The Yxy color **11.2812, 0.5143, 0.4190** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.9005, 0.1832, 0.1706**, and the grayscale version is **10.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3388, 0.4695, 0.4086**, and **3.0190, 0.5597, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **10.4580, 0.5320, 0.4158**, and if you desaturate by 10%, it is **12.3585, 0.4918, 0.4197**.

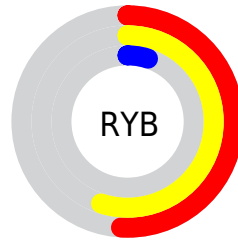
Distribution



Red (55%)

Green (31%)

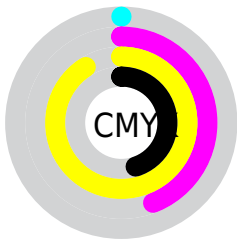
Blue (5%)



Red (51%)

Yellow (55%)

Blue (5%)

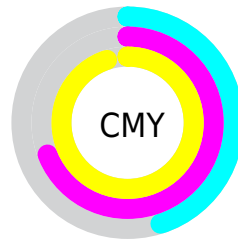


Cyan (0%)

Magenta (44%)

Yellow (91%)

Black (45%)



Cyan (45%)


Magenta (69%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2812, 0.5143, 0.4190 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 11.2812, 0.5143, 0.4190 by changing the saturation by 10% instead.


 11.2812, 0.5143,
0.4190


 11.2812, 0.5143,
0.4190


 199.5867, 0.3970,
0.3776


 6.2563, 0.5478,
0.4234


 28.1790, 0.4692,
0.4080


 3.0016, 0.5837,
0.4163

 40.8207, 0.4527,
0.4023


 1.1325, 0.6165,
0.3835

 56.7701, 0.4391,
0.3969

 0.0055, 0.9896,
0.0104


 76.4116, 0.4278,
0.3921

 0.0000, 0.0000,
0.0000

 100.1296, 0.4182,
0.3879


 128.3086, 0.4101,


0.3841

 161.3328, 0.4031,
0.3807

 11.2812, 0.5143,
0.4190

 11.2812, 0.5143,
0.4190

 10.4580, 0.5320,
0.4158

 12.3585, 0.4918,
0.4197

 13.5687, 0.4669,
0.4155

 14.9194, 0.4410,
0.4073

 16.4164, 0.4154,
0.3963

 18.0654, 0.3912,
0.3837

■ 19.8715, 0.3689,
0.3702

■ 21.8397, 0.3487,
0.3566

■ 23.9743, 0.3308,
0.3434

■ 26.2800, 0.3149,
0.3308

Harmonies

Analogous

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



11.2812, 0.5264, 0.3443



11.2812, 0.5143, 0.4190



11.2812, 0.4460, 0.4948

Triad

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



11.2812, 0.5143, 0.4190



11.2812, 0.1740, 0.3690



11.2812, 0.2419, 0.1814

Complementary

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



11.2812, 0.5143, 0.4190



6.9005, 0.1832, 0.1706

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.



11.2812, 0.1717, 0.1714



11.2812, 0.5143, 0.4190



11.2812, 0.1376, 0.2548

Square

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



11.2812, 0.5143, 0.4190



11.2812, 0.2509, 0.4955



11.2812, 0.1382, 0.1923



11.2812, 0.3485, 0.2180

Rectangle

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



11.2812, 0.5143, 0.4190



11.2812, 0.3839, 0.5321



11.2812, 0.1382, 0.1923



11.2812, 0.2141, 0.1750

Sweetspot

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



11.2818, 0.5143, 0.4190



36.9261, 0.3607, 0.3649



6.4253, 0.4770, 0.2479



8.0210, 0.3668, 0.3689



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.2818, 0.5143, 0.4190



18.3891, 0.5350, 0.4134



24.5528, 0.4143, 0.5032



5.8583, 0.3269, 0.3404



9.5675, 0.5315, 0.4162



0.1356, 0.4734, 0.4623

Inverse Universe

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



6.9005, 0.1832, 0.1706



10.4641, 0.1754, 0.1514



2.2811, 0.1563, 0.0696



5.6559, 0.2990, 0.3173



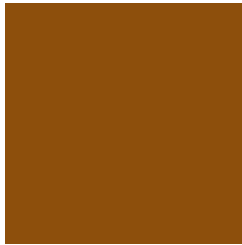
5.5295, 0.1766, 0.1557



0.0966, 0.1984, 0.2342

Previews

White Background



This preview shows how the Yxy color 11.2812, 0.5143, 0.4190 looks on a white background.

Color Contrast Check

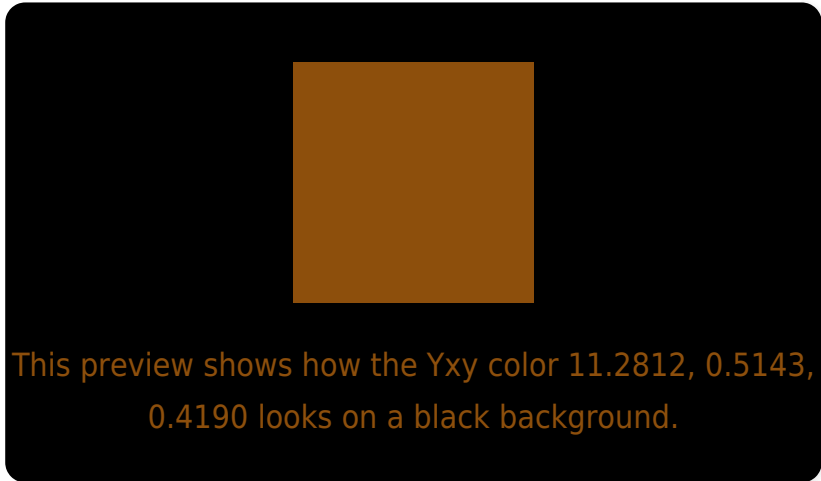
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2812, 0.5143, 0.4190

Background



This preview shows how black text looks on a background with the Yxy color 11.2812, 0.5143, 0.4190.



This preview shows how white text looks on a background with the Yxy color 11.2812, 0.5143, 0.4190.

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

11.2812, 0.5143, 0.4190

Protanopia

11.3507, 0.4312, 0.4772

Deuteranopia

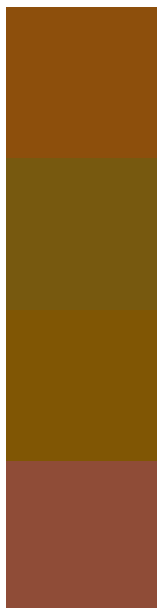
11.3054, 0.4694, 0.4655



Tritanopia

11.3914, 0.4322, 0.3205

Trichromacy



Original Color

11.2812, 0.5143, 0.4190

Protanomaly

11.1012, 0.4623, 0.4556

Deuteranomaly

11.2535, 0.4872, 0.4475

Tritanomaly

11.2844, 0.4724, 0.3651

Monochromacy



Original Color

11.2812, 0.5143, 0.4190

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.2546, 0.3928, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2812, 0.5143, 0.4190 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(141, 79, 12)` looks like.

```
.text, #text, p{  
    color:rgb(141, 79, 12)  
}
```

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(141, 79, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 79, 12) }
```

Border

The CSS property to change the border of an element to Yxy 11.2812, 0.5143, 0.4190 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(141, 79, 12) }
```

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

```
.border{ border-color:rgb(141, 79, 12) }
```

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

Here you see how a box with a 4 pixel rgb(141, 79, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 79, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 79, 12);  
box-shadow:4px 4px 4px 4px rgb(141, 79,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2812, 0.5143, 0.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 79, 12) }
```

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

```
.background{ background-color: rgb(141, 79,  
12) }
```

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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