

Converting Colors

$Y_{xy}(11.4404, 0.5757, 0.4243)$

Have a look what the booklet for
Yxy(11.4404, 0.5757, 0.4243)
contains.

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Color

Yxy(11.6033, 0.5490, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	9B4800
RGB	155, 72, 0
RGB Percent	61%, 28%, 0%
CMY	0.3922, 0.7176, 1.0000
CMYK	0.00, 0.54, 1.00, 0.39
HSL	28°, 100%, 30%
HSV	28°, 100%, 61%
XYZ	15.8345, 11.6033, 1.4046
YIQ	88.6090, 72.5800, -4.7960

Conversions

Conversions Part 2

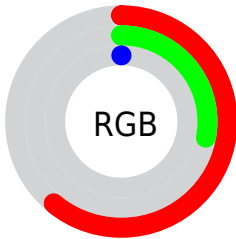
Format	Color
RYB	155, 134, 0
Decimal	10176512
CIELab	40.58, 31.25, 50.64
CIElCh	41, 59.508, 58.324
Yxy	11.6033, 0.5490, 0.4023
Android (android.graphics.Color)	4288366592 (0xFF9B4800)
YUV	88.6090, -43.6842, 58.2249
Hunter-Lab	34.0636, 23.3644, 21.3997

Details

The Yxy color **11.6033, 0.5490, 0.4023** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.5513, 0.1811, 0.1719**, and the grayscale version is **9.9861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7938, 0.4993, 0.3997**, and **3.1401, 0.5971, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **11.6040, 0.5490, 0.4023**, and if you desaturate by 10%, it is **12.7865, 0.5262, 0.4078**.

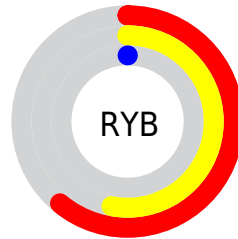
Distribution



Red (61%)

Green (28%)

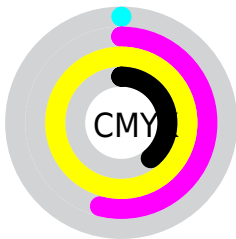
Blue (0%)



Red (61%)

Yellow (53%)

Blue (0%)

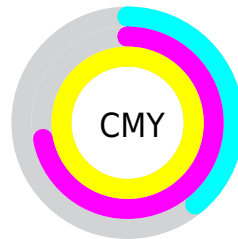


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (39%)



Cyan (39%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6033, 0.5490, 0.4023 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 11.6033, 0.5490, 0.4023 by changing the saturation by 10% instead.


 11.6033, 0.5490,
0.4023

 11.6033, 0.5490,
0.4023


 201.7610, 0.4137,
0.3766


 6.4742, 0.5893,
0.4017


 28.7705, 0.4983,
0.3997


 3.1355, 0.6205,
0.3795

 41.5774, 0.4793,
0.3962

 1.2029, 0.6621,
0.3379

 57.7123, 0.4635,
0.3925

 0.0640, 0.9279,
0.0721

 77.5596, 0.4502,
0.3888


 0.0000, 0.0000,
0.0000


 101.5037, 0.4390,
0.3854


 129.9291, 0.4293,


0.3822

 163.2201, 0.4210,
0.3793


 11.6033, 0.5490,
0.4023


 11.6033, 0.5490,
0.4023


 11.6040, 0.5490,
0.4023

 12.7865, 0.5262,
0.4078

 14.1464, 0.5006,
0.4093

 15.7012, 0.4726,
0.4058

 17.4607, 0.4440,
0.3985

 19.4338, 0.4164,
0.3884

■ 21.6288, 0.3907,
0.3768

■ 24.0535, 0.3674,
0.3645

■ 26.7150, 0.3467,
0.3522

■ 29.6205, 0.3286,
0.3403

Harmonies

Analogous

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



11.6033, 0.5506, 0.3231



11.6033, 0.5490, 0.4023



11.6033, 0.4773, 0.4916

Triad

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



11.6033, 0.5490, 0.4023



11.6033, 0.1682, 0.4094



11.6033, 0.2104, 0.1594

Complementary

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



11.6033, 0.5490, 0.4023



8.5513, 0.1811, 0.1719

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.



11.6033, 0.1437, 0.1545



11.6033, 0.5490, 0.4023



11.6033, 0.1213, 0.2635

Square

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



11.6033, 0.5490, 0.4023



11.6033, 0.2605, 0.5511



11.6033, 0.1156, 0.1836



11.6033, 0.3232, 0.1930

Rectangle

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



11.6033, 0.5490, 0.4023



11.6033, 0.4090, 0.5467



11.6033, 0.1156, 0.1836



11.6033, 0.1833, 0.1545

Sweetspot

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



11.6040, 0.5490, 0.4023



42.8136, 0.3687, 0.3652



7.6281, 0.4723, 0.2375



9.2956, 0.3776, 0.3701



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.6040, 0.5490, 0.4023



20.4124, 0.5520, 0.3999



27.9125, 0.4282, 0.4982



6.6720, 0.3272, 0.3394



9.3958, 0.5476, 0.4034



0.2123, 0.4843, 0.4536

Inverse Universe

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



8.5513, 0.1811, 0.1719



14.9341, 0.1802, 0.1688



2.5347, 0.1511, 0.0638



6.5465, 0.2989, 0.3184



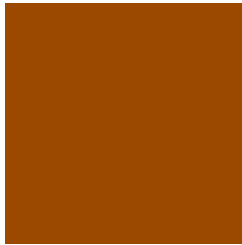
6.9456, 0.1815, 0.1733



0.1766, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 11.6033, 0.5490, 0.4023 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 11.6033, 0.5490, 0.4023 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 11.6033, 0.5490, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 11.6033, 0.5490, 0.4023.



This preview shows how white text looks on a background with the Yxy color 11.6033, 0.5490, 0.4023.

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

11.6033, 0.5490, 0.4023

Protanopia

11.8323, 0.4328, 0.4804

Deuteranopia

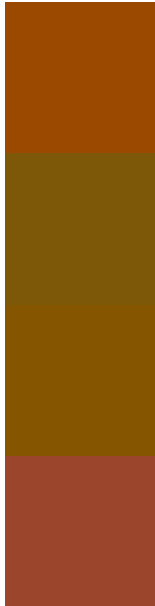
11.7919, 0.4686, 0.4661



Tritanopia

11.6373, 0.4736, 0.3233

Trichromacy



Original Color

11.6033, 0.5490, 0.4023

Protanomaly

11.4348, 0.4780, 0.4501

Deuteranomaly

11.5653, 0.4995, 0.4416

Tritanomaly

11.5136, 0.5150, 0.3635

Monochromacy



Original Color

11.6033, 0.5490, 0.4023

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.9926, 0.4113, 0.3862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6033, 0.5490, 0.4023 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(155, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 72, 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(155, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 72, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6033, 0.5490, 0.4023 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(155, 72, 0) }
```

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

```
.border{ border-color:rgb(155, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(155, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 72, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6033, 0.5490, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 72, 0) }
```

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

```
.background{ background-color: rgb(155, 72,  
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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