

Converting Colors

$Y_{xy}(11.7771, 0.5893, 0.3703)$

Have a look what the booklet for
Yxy(11.7771, 0.5893, 0.3703)
contains.

Yxy(11.7126, 0.5894, 0.3702)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.7126, 0.5894, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	AD3800
RGB	173, 56, 0
RGB Percent	68%, 22%, 0%
CMY	0.3216, 0.7804, 1.0000
CMYK	0.00, 0.68, 1.00, 0.32
HSL	19°, 100%, 34%
HSV	19°, 100%, 68%
XYZ	18.6478, 11.7126, 1.2782
YIQ	84.5990, 87.7080, 7.3880

Conversions

Conversions Part 2

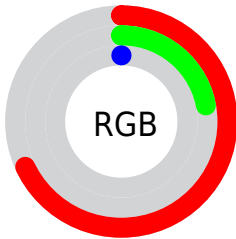
Format	Color
R_{YB}	173, 83, 0
Decimal	11352064
CIE _{Lab}	40.76, 45.90, 52.40
CIE _{LCh}	41, 69.660, 48.784
Yxy	11.7126, 0.5894, 0.3702
Android (android.graphics.Color)	4289542144 (0xFFAD3800)
YUV	84.5990, -41.7073, 77.5277
Hunter-Lab	34.2237, 37.3695, 21.7422

Details

The Yxy color **11.7126, 0.5894, 0.3702** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.7405, 0.1945, 0.2202**, and the grayscale version is **9.0722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0365, 0.5309, 0.3785**, and **3.4447, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.7125, 0.5894, 0.3702**, and if you desaturate by 10%, it is **13.0246, 0.5628, 0.3781**.

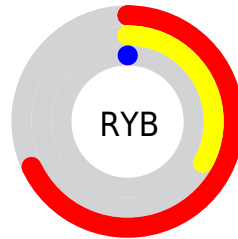
Distribution



Red (68%)

Green (22%)

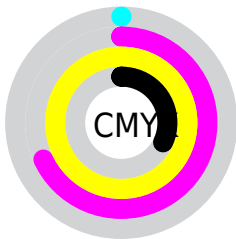
Blue (0%)



Red (68%)

Yellow (33%)

Blue (0%)

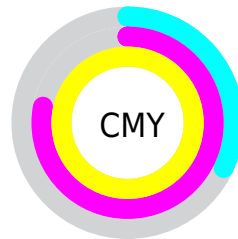


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7126, 0.5894, 0.3702 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 11.7126, 0.5894, 0.3702 by changing the saturation by 10% instead.


 11.7126, 0.5894,
0.3702


 11.7126, 0.5894,
0.3702


 202.4932, 0.4319,
0.3683


 6.5483, 0.6360,
0.3616


 28.9706, 0.5309,
0.3783


 3.1813, 0.6709,
0.3291

 41.8330, 0.5088,
0.3782

 1.2271, 0.7220,
0.2780

 58.0303, 0.4903,
0.3772

 0.0837, 0.9374,
0.0626

 77.9469, 0.4748,
0.3756


 0.0000, 1.0000,
0.0000


 101.9670, 0.4616,
0.3737


 0.0000, 0.0000,
0.0000


 130.4752, 0.4502,


0.3719


 163.8558, 0.4404,
0.3700


 11.7126, 0.5894,
0.3702


 11.7126, 0.5894,
0.3702


 11.7125, 0.5894,
0.3702

 13.0246, 0.5628,
0.3781

 14.6542, 0.5311,
0.3824

 16.6319, 0.4961,
0.3820

 18.9787, 0.4608,
0.3778

 21.7138, 0.4274,
0.3711

■ 24.8547, 0.3974,
0.3630

■ 28.4178, 0.3710,
0.3542

■ 32.4187, 0.3484,
0.3454

■ 36.8720, 0.3291,
0.3370

Harmonies

Analogous

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



11.7126, 0.5648, 0.2904



11.7126, 0.5894, 0.3702



11.7126, 0.5248, 0.4697

Triad

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



11.7126, 0.5894, 0.3702



11.7126, 0.1734, 0.4873



11.7126, 0.1684, 0.1362

Complementary

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



11.7126, 0.5894, 0.3702



15.7405, 0.1945, 0.2202

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.



11.7126, 0.1123, 0.1402



11.7126, 0.5894, 0.3702



11.7126, 0.1092, 0.2948

Square

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



11.7126, 0.5894, 0.3702



11.7126, 0.2840, 0.6157



11.7126, 0.0935, 0.1834



11.7126, 0.2765, 0.1625

Rectangle

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



11.7126, 0.5894, 0.3702



11.7126, 0.4520, 0.5434



11.7126, 0.0935, 0.1834



11.7126, 0.1447, 0.1340

Sweetspot

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



11.7133, 0.5894, 0.3702



50.5370, 0.3723, 0.3547



10.1976, 0.4203, 0.2089



10.4018, 0.3827, 0.3583



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.7133, 0.5894, 0.3702



20.6290, 0.5924, 0.3678



28.0180, 0.4557, 0.4764



8.4229, 0.3279, 0.3364



8.6985, 0.5875, 0.3717



0.3428, 0.5285, 0.4186

Inverse Universe

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



15.7405, 0.1945, 0.2202



27.7827, 0.1939, 0.2182



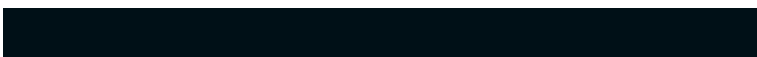
4.0355, 0.1549, 0.0776



8.6283, 0.2986, 0.3215



11.6701, 0.1949, 0.2215



0.4182, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 11.7126, 0.5894, 0.3702 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

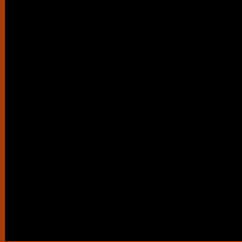
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7126, 0.5894, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 11.7126, 0.5894, 0.3702.



This preview shows how white text looks on a background with the Yxy color 11.7126, 0.5894, 0.3702.

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

11.7126, 0.5894, 0.3702

Protanopia

11.8443, 0.4306, 0.4770

Deuteranopia

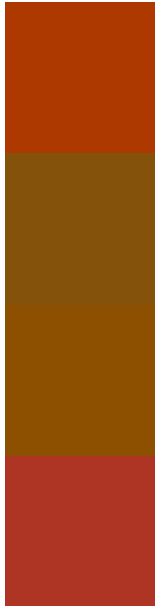
11.8652, 0.4701, 0.4650



Tritanopia

11.7305, 0.5387, 0.3262

Trichromacy



Original Color

11.7126, 0.5894, 0.3702

Protanomaly

10.9643, 0.4972, 0.4329

Deuteranomaly

11.2547, 0.5204, 0.4250

Tritanomaly

11.6662, 0.5675, 0.3479

Monochromacy



Original Color

11.7126, 0.5894, 0.3702

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

8.9458, 0.4343, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7126, 0.5894, 0.3702 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(173, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 56, 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(173, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 56, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.7126, 0.5894, 0.3702 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(173, 56, 0) }
```

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

```
.border{ border-color:rgb(173, 56, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 56, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 56, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.7126, 0.5894, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 56, 0) }
```

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

```
.background{ background-color: rgb(173, 56,  
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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