

Converting Colors

$Y_{xy}(14.7561, 0.5746, 0.3819)$

Have a look what the booklet for
Yxy(14.7561, 0.5746, 0.3819)
contains.

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Color

Yxy(14.8208, 0.5742, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	B94700
RGB	185, 71, 0
RGB Percent	73%, 28%, 0%
CMY	0.2745, 0.7215, 1.0000
CMYK	0.00, 0.62, 1.00, 0.27
HSL	23°, 100%, 36%
HSV	23°, 100%, 73%
XYZ	22.2603, 14.8208, 1.6864
YIQ	96.9920, 90.7350, 2.0870

Conversions

Conversions Part 2

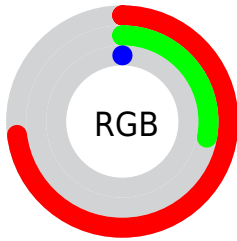
Format	Color
RYB	185, 115, 0
Decimal	12142336
CIELab	45.39, 43.60, 55.99
CIElCh	45, 70.961, 52.091
Yxy	14.8208, 0.5742, 0.3823
Android (android.graphics.Color)	4290332416 (0xFFB94700)
YUV	96.9920, -47.8171, 77.1830
Hunter-Lab	38.4978, 35.8415, 24.3513

Details

The Yxy color **14.8208, 0.5742, 0.3823** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.5343, 0.1884, 0.1981**, and the grayscale version is **12.0562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4279, 0.5221, 0.3860**, and **4.5526, 0.6255, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **14.8217, 0.5742, 0.3823**, and if you desaturate by 10%, it is **16.4557, 0.5494, 0.3902**.

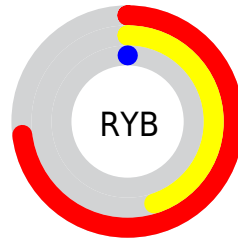
Distribution



Red (73%)

Green (28%)

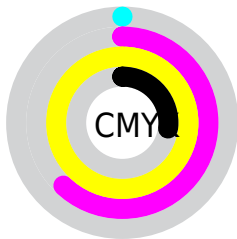
Blue (0%)



Red (73%)

Yellow (45%)

Blue (0%)

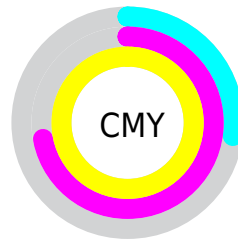


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (72%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8208, 0.5742, 0.3823 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 14.8208, 0.5742, 0.3823 by changing the saturation by 10% instead.


 14.8208, 0.5742,
0.3823


 14.8208, 0.5742,
0.3823


 222.2790, 0.4303,
0.3729

 8.6937, 0.6103,
0.3746


 34.5385, 0.5221,
0.3865


 4.5419, 0.6468,
0.3532


 48.8979, 0.5020,
0.3855


 1.9811, 0.6872,
0.3128


 66.7702, 0.4851,
0.3837

 0.5965, 0.7614,
0.2386

 88.5398, 0.4707,
0.3816


 0.0000, 1.0000,
0.0000


 114.5911, 0.4584,
0.3793


 0.0000, 0.0000,
0.0000


 145.3085, 0.4477,


0.3771

 181.0763, 0.4385,
0.3749

 14.8208, 0.5742,
0.3823


 14.8208, 0.5742,
0.3823


 14.8217, 0.5742,
0.3823

 16.4557, 0.5494,
0.3902

 18.4188, 0.5201,
0.3938

 20.7398, 0.4879,
0.3925

 23.4391, 0.4552,
0.3871

 26.5347, 0.4239,
0.3790

■ 30.0436, 0.3954,
0.3693

■ 33.9814, 0.3701,
0.3589

■ 38.3631, 0.3480,
0.3485

■ 43.2026, 0.3290,
0.3385

Harmonies

Analogous

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



14.8208, 0.5596, 0.3026



14.8208, 0.5742, 0.3823



14.8208, 0.5053, 0.4768

Triad

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



14.8208, 0.5742, 0.3823



14.8208, 0.1718, 0.4564



14.8208, 0.1836, 0.1448

Complementary

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



14.8208, 0.5742, 0.3823



15.5343, 0.1884, 0.1981

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.



14.8208, 0.1237, 0.1456



14.8208, 0.5742, 0.3823



14.8208, 0.1139, 0.2824

Square

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



14.8208, 0.5742, 0.3823



14.8208, 0.2761, 0.5927



14.8208, 0.1017, 0.1836



14.8208, 0.2937, 0.1738

Rectangle

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



14.8208, 0.5742, 0.3823



14.8208, 0.4341, 0.5432



14.8208, 0.1017, 0.1836



14.8208, 0.1586, 0.1416

Sweetspot

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



14.8217, 0.5742, 0.3823



60.4984, 0.3712, 0.3594



11.5307, 0.4473, 0.2237



12.3894, 0.3815, 0.3638



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.8217, 0.5742, 0.3823



26.1285, 0.5770, 0.3801



36.6556, 0.4414, 0.4877



9.5623, 0.3278, 0.3378



10.2242, 0.5719, 0.3841



0.4816, 0.5238, 0.4223

Inverse Universe

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



15.5343, 0.1884, 0.1981



27.3568, 0.1877, 0.1958



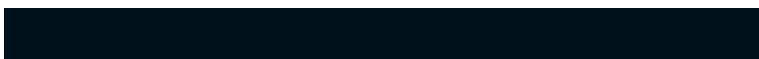
4.0607, 0.1524, 0.0685



9.6159, 0.2985, 0.3200



10.7221, 0.1889, 0.1999



0.4938, 0.1992, 0.2369

Previews

White Background



This preview shows how the Yxy color 14.8208, 0.5742, 0.3823 looks on a white background.

Color Contrast Check

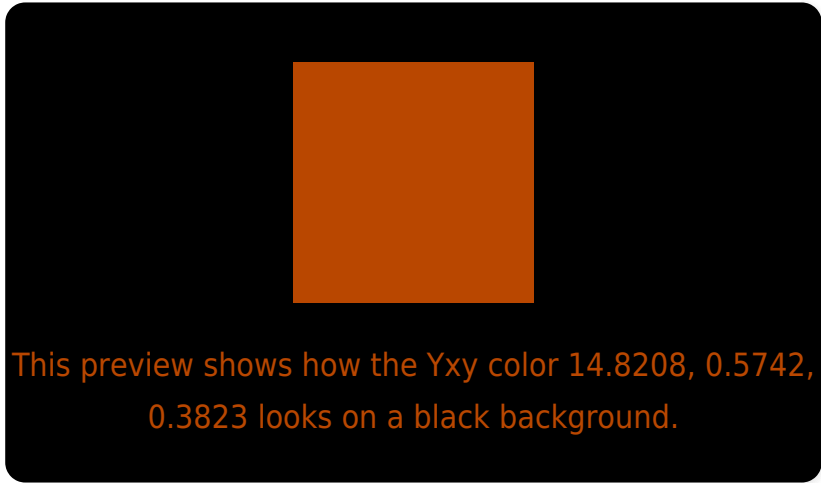
Large Text (above 18pt) WCAG AA ✓ Pass

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

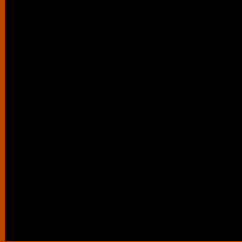
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8208, 0.5742, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 14.8208, 0.5742, 0.3823.



This preview shows how white text looks on a background with the Yxy color 14.8208, 0.5742, 0.3823.

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

14.8208, 0.5742, 0.3823

Protanopia

15.1219, 0.4314, 0.4793

Tritanopia

14.9034, 0.5132, 0.3248

Trichromacy



Original Color

14.8208, 0.5742, 0.3823

Protanomaly

14.2307, 0.4899, 0.4402

Tritanomaly

14.7628, 0.5467, 0.3542

Monochromacy



Original Color

14.8208, 0.5742, 0.3823

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.9944, 0.4248, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8208, 0.5742, 0.3823 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(185, 71, 0)` looks like.

```
.text, #text, p{  
  color:rgb(185, 71, 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(185, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 71, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8208, 0.5742, 0.3823 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(185, 71, 0) }
```

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

```
.border{ border-color:rgb(185, 71, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 71, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 14.8208, 0.5742, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 71, 0) }
```

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

```
.background{ background-color: rgb(185, 71,  
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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