

Converting Colors

$Y_{xy}(14.7993, 0.5688, 0.3807)$

Have a look what the booklet for
Yxy(14.7993, 0.5688, 0.3807)
contains.

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Color

Yxy(14.8448, 0.5685, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	B84809
RGB	184, 72, 9
RGB Percent	72%, 28%, 4%
CMY	0.2784, 0.7176, 0.9651
CMYK	0.00, 0.61, 0.95, 0.28
HSL	22°, 91%, 38%
HSV	22°, 95%, 72%
XYZ	22.1329, 14.8448, 1.9544
YIQ	98.3060, 86.9750, 4.1510

Conversions

Conversions Part 2

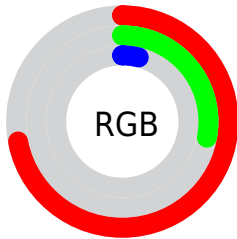
Format	Color
RYB	184, 107, 9
Decimal	12077065
CIELab	45.42, 42.87, 53.53
CIELCh	45, 68.580, 51.314
Yxy	14.8448, 0.5685, 0.3813
Android (android.graphics.Color)	4290267145 (0xFFB84809)
YUV	98.3060, -44.0279, 75.1536
Hunter-Lab	38.5290, 35.1133, 23.9628

Details

The Yxy color **14.8448, 0.5685, 0.3813** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.1657, 0.1934, 0.2130**, and the grayscale version is **12.3887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5483, 0.5166, 0.3842**, and **4.6119, 0.6232, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **14.1235, 0.5805, 0.3773**, and if you desaturate by 10%, it is **16.5769, 0.5410, 0.3879**.

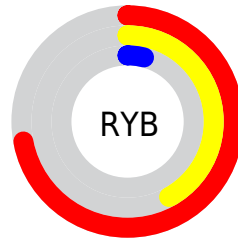
Distribution



Red (72%)

Green (28%)

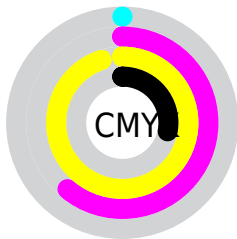
Blue (4%)



Red (72%)

Yellow (42%)

Blue (4%)

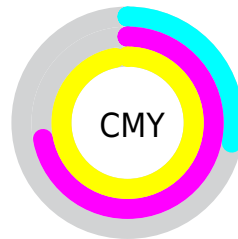


Cyan (0%)

Magenta (61%)

Yellow (95%)

Black (28%)



Cyan (28%)


Magenta (72%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8448, 0.5685, 0.3813 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 14.8448, 0.5685, 0.3813 by changing the saturation by 10% instead.


 14.8448, 0.5685,
0.3813


 14.8448, 0.5685,
0.3813

222.4249, 0.4265,
0.3707


 8.7105, 0.6037,
0.3737


 34.5807, 0.5164,
0.3845


 4.5529, 0.6445,
0.3555

 48.9511, 0.4966,
0.3833


 1.9874, 0.6844,
0.3156

 66.8357, 0.4799,
0.3814

 0.6001, 0.7579,
0.2421

 88.6188, 0.4658,
0.3792


 0.0000, 1.0000,
0.0000


 114.6849, 0.4538,
0.3770


 0.0000, 0.0000,
0.0000


 145.4184, 0.4434,

0.3748


 181.2036, 0.4344,
0.3727


 14.8448, 0.5685,
0.3813


 14.8448, 0.5685,
0.3813


 14.1235, 0.5805,
0.3773

 16.5769, 0.5410,
0.3879

 18.6682, 0.5089,
0.3894

 21.1425, 0.4750,
0.3865

 24.0203, 0.4418,
0.3802

 27.3203, 0.4110,
0.3717

■ 31.0599, 0.3834,
0.3622

■ 35.2555, 0.3593,
0.3524

■ 39.9225, 0.3386,
0.3427

■ 45.0757, 0.3208,
0.3335

Harmonies

Analogous

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



14.8448, 0.5501, 0.3026



14.8448, 0.5685, 0.3813



14.8448, 0.5040, 0.4726

Triad

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



14.8448, 0.5685, 0.3813



14.8448, 0.1786, 0.4564



14.8448, 0.1849, 0.1485

Complementary

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



14.8448, 0.5685, 0.3813



17.1657, 0.1934, 0.2130

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.



14.8448, 0.1268, 0.1504



14.8448, 0.5685, 0.3813



14.8448, 0.1197, 0.2884

Square

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



14.8448, 0.5685, 0.3813



14.8448, 0.2819, 0.5840



14.8448, 0.1061, 0.1896



14.8448, 0.2913, 0.1764

Rectangle

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



14.8448, 0.5685, 0.3813



14.8448, 0.4358, 0.5362



14.8448, 0.1061, 0.1896



14.8448, 0.1607, 0.1457

Sweetspot

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



14.8457, 0.5685, 0.3813



60.5206, 0.3693, 0.3566



11.8061, 0.4265, 0.2150



12.3635, 0.3798, 0.3608



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.



14.8457, 0.5685, 0.3813



25.1915, 0.5834, 0.3750



34.5720, 0.4456, 0.4814



9.5279, 0.3279, 0.3373



9.8577, 0.5783, 0.3790



0.4671, 0.5286, 0.4185

Inverse Universe

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



17.1657, 0.1934, 0.2130



29.1562, 0.1901, 0.2043



4.7300, 0.1565, 0.0790



9.6514, 0.2985, 0.3206



11.4011, 0.1912, 0.2081



0.5148, 0.2008, 0.2429

Previews

White Background



This preview shows how the Yxy color 14.8448, 0.5685, 0.3813 looks on a white background.

Color Contrast Check

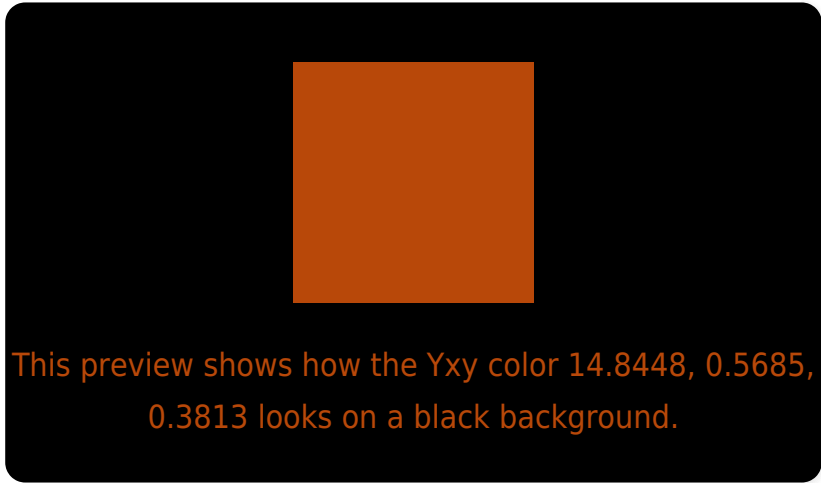
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8448, 0.5685, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 14.8448, 0.5685, 0.3813.



This preview shows how white text looks on a background with the Yxy color 14.8448, 0.5685, 0.3813.

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

14.8448, 0.5685, 0.3813

Protanopia

15.1290, 0.4304, 0.4777

Deuteranopia

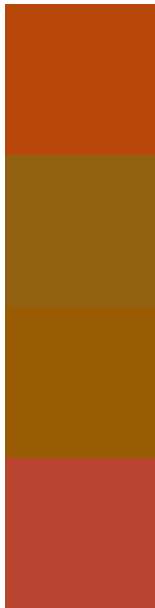
15.0189, 0.4698, 0.4652



Tritanopia

14.9083, 0.5096, 0.3247

Trichromacy



Original Color

14.8448, 0.5685, 0.3813

Protanomaly

14.4260, 0.4857, 0.4390

Deuteranomaly

14.5309, 0.5097, 0.4314

Tritanomaly

14.7839, 0.5409, 0.3528

Monochromacy



Original Color

14.8448, 0.5685, 0.3813

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.2052, 0.4174, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8448, 0.5685, 0.3813 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(184, 72, 9)` looks like.

```
.text, #text, p{  
  color:rgb(184, 72, 9)  
}
```

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(184, 72, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 72, 9) }
```

Border

The CSS property to change the border of an element to Yxy 14.8448, 0.5685, 0.3813 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(184, 72, 9) }
```

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

```
.border{ border-color:rgb(184, 72, 9) }
```

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

Here you see how a box with a 4 pixel rgb(184, 72, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 72, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 72, 9);  
box-shadow:4px 4px 4px 4px rgb(184, 72, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8448, 0.5685, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 72, 9) }
```

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

```
.background{ background-color: rgb(184, 72,  
9) }
```

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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