

Converting Colors

XYZ(14.8306, 11.4229, 1.8674)

Have a look what the booklet for
XYZ(14.8306, 11.4229, 1.8674)
contains.

XYZ(14.8834, 11.4993, 1.8871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(14.8834, 11.4993,
1.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	944C0F
RGB	148, 76, 15
RGB Percent	58%, 30%, 6%
CMY	0.4196, 0.7019, 0.9412
CMYK	0.00, 0.49, 0.90, 0.42
HSL	28°, 82%, 32%
HSV	28°, 90%, 58%
XYZ	14.8834, 11.4993, 1.8871
YIQ	90.5740, 62.4930, -3.7070

Conversions

Conversions Part 2

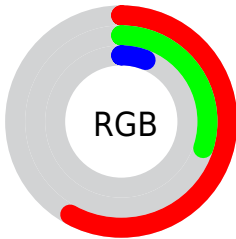
Format	Color
R_{YB}	148, 128, 15
Decimal	9718799
CIE Lab	40.41, 26.36, 45.50
CIE LCh	40, 52.582, 59.917
Yxy	11.4993, 0.5265, 0.4068
Android (android.graphics.Color)	4287908879 (0xFF944C0F)
YUV	90.5740, -37.2580, 50.3626
Hunter-Lab	33.9106, 19.0002, 20.4380

Details

The XYZ color **14.8834, 11.4993, 1.8871** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.9503, 9.0556, 29.2929**, and the grayscale version is **9.9195, 10.4361, 11.3649**.

A 20% lighter version of the original color is **34.1471, 28.5688, 8.7156**, and **4.7787, 3.1527, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **14.2805, 10.4297, 1.2663**, and if you desaturate by 10%, it is **15.6161, 12.7318, 2.8496**.

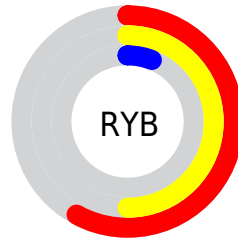
Distribution



Red (58%)

Green (30%)

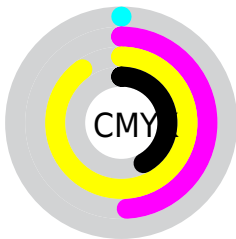
Blue (6%)



Red (58%)

Yellow (50%)

Blue (6%)

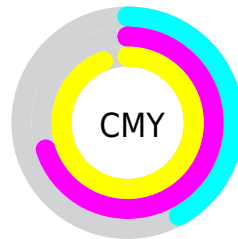


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (42%)



Cyan (42%)


Magenta (70%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8834, 11.4993, 1.8871 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 XYZ color 14.8834, 11.4993, 1.8871 by changing the saturation by 10% instead.


 14.8834, 11.4993,
1.8871


 14.8834, 11.4993,
1.8871


216.0618,
201.0617, 120.5983


 8.8234, 6.4037,
0.4845


 34.2218, 28.5798,
8.7298

 4.6823, 3.0921,
0.0000

 48.2310, 41.3336,
15.0821


 2.0949, 1.1800,
0.0000

 65.6205, 57.4089,
23.9465

 0.6865, 0.0453,
0.0000


 86.7558, 77.1900,
35.7415


 0.0000, 0.0000,
0.0000


 112.0022,
101.0615, 50.8857


 141.7251,


129.4077, 69.7975


 176.2899,
162.6130, 92.8955

 14.8834, 11.4993,
1.8871


 14.8834, 11.4993,
1.8871


 14.2805, 10.4297,
1.2663

 15.6161, 12.7318,
2.8496

 14.2727, 10.4160,
1.2582

 16.5082, 14.1414,
4.3022

 17.5735, 15.7378,
6.3041

 18.8235, 17.5289,
8.9057

 20.2685, 19.5224,
12.1517

■ 21.9183, 21.7253,
16.0824

■ 23.7815, 24.1441,
20.7347

■ 25.8665, 26.7851,
26.1431

■ 28.1810, 29.6544,
32.3396

Harmonies

Analogous

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



18.2999, 11.4993, 4.8779



14.8834, 11.4993, 1.8871



10.9400, 11.4993, 1.2136

Triad

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



14.8834, 11.4993, 1.8871



5.2617, 11.4993, 12.4913



14.8615, 11.4993, 39.6599

Complementary

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



14.8834, 11.4993, 1.8871



8.9503, 9.0556, 29.2929

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.



10.9194, 11.4993, 45.7872



14.8834, 11.4993, 1.8871



5.8637, 11.4993, 25.6259

Square

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



14.8834, 11.4993, 1.8871



5.8705, 11.4993, 4.8507



7.7467, 11.4993, 39.5963



18.2854, 11.4993, 25.7084

Rectangle

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



14.8834, 11.4993, 1.8871



8.6877, 11.4993, 1.4883



7.7467, 11.4993, 39.5963



13.5277, 11.4993, 42.9643

Sweetspot

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



14.8837, 11.4999, 1.8873



39.4039, 39.2910, 30.1685



14.1512, 7.3446, 9.9371



8.7764, 8.6821, 6.3508



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.8837, 11.4999, 1.8873



25.0157, 18.0427, 2.1641



21.8753, 25.4833, 4.2179



6.0068, 6.2275, 6.1259



12.2180, 8.9504, 1.0836



0.1785, 0.1674, 0.0229

Inverse Universe

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



8.9503, 9.0556, 29.2929



14.3345, 13.5785, 51.3000



5.8226, 2.8003, 28.2503



5.7439, 6.1218, 7.3486



7.0508, 6.7963, 24.8712



0.1158, 0.1422, 0.3142

Previews

White Background



This preview shows how the XYZ color 14.8834, 11.4993, 1.8871 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 XYZ color 14.8834, 11.4993, 1.8871 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](#).

XYZ 14.8834, 11.4993, 1.8871

Background



This preview shows how black text looks on a background with the XYZ color 14.8834, 11.4993, 1.8871.



This preview shows how white text looks on a background with the XYZ color 14.8834, 11.4993,

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

14.8834, 11.4993, 1.8871

Protanopia

10.4935, 11.6044, 2.3486

Tritanopia

16.1354, 11.5123, 8.2091

Trichromacy



Original Color

14.8834, 11.4993, 1.8871

Protanomaly

11.8499, 11.3994, 2.1480

Tritanomaly

15.4428, 11.4210, 4.8806

Monochromacy



Original Color

14.8834, 11.4993, 1.8871

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.9071, 10.4592, 6.1466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8834, 11.4993, 1.8871 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(148, 76, 15)` looks like.

```
.text, #text, p{  
    color:rgb(148, 76, 15)  
}
```

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(148, 76, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 76, 15) }
```

Border

The CSS property to change the border of an element to XYZ 14.8834, 11.4993, 1.8871 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(148, 76, 15) }
```

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

```
.border{ border-color:rgb(148, 76, 15) }
```

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

Here you see how a box with a 4 pixel rgb(148, 76, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 76, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 76, 15);  
box-shadow:4px 4px 4px 4px rgb(148, 76,  
15) }
```


Background

The CSS property to change the background color of an element to XYZ 14.8834, 11.4993, 1.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 76, 15) }
```

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

```
.background{ background-color: rgb(148, 76,  
15) }
```

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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