

Converting Colors

XYZ(14.5632, 13.2707, 0.3278)

Have a look what the booklet for
XYZ(14.5632, 13.2707, 0.3278)
contains.

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Color

**XYZ(14.8117, 13.3170,
1.7898)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5C00
RGB	141, 92, 0
RGB Percent	55%, 36%, 0%
CMY	0.4471, 0.6392, 1.0000
CMYK	0.00, 0.35, 1.00, 0.45
HSL	39°, 100%, 28%
HSV	39°, 100%, 55%
XYZ	14.8117, 13.3170, 1.7898
YIQ	96.1630, 58.7360, -18.2240

Conversions

Conversions Part 2

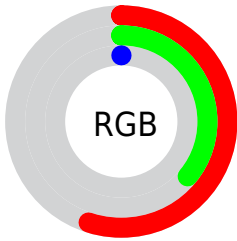
Format	Color
R_{YB}	75, 141, 0
Decimal	9264128
CIE Lab	43.24, 13.73, 51.28
CIE LCh	43, 53.088, 75.007
Yxy	13.3170, 0.4951, 0.4451
Android (android.graphics.Color)	4287454208 (0xFF8D5C00)
YUV	96.1630, -47.4084, 39.3220
Hunter-Lab	36.4925, 8.5884, 22.6368

Details

The XYZ color **14.8117, 13.3170, 1.7898** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.9061, 4.1199, 25.6832**, and the grayscale version is **11.2599, 11.8463, 12.9007**.

A 20% lighter version of the original color is **34.0156, 31.8039, 8.4836**, and **4.7233, 3.8853, 0.5010** is the 20% darker color. If you saturate the color by 10%, you get **14.8118, 13.3174, 1.7898**, and if you desaturate by 10%, it is **15.3303, 14.2263, 2.3572**.

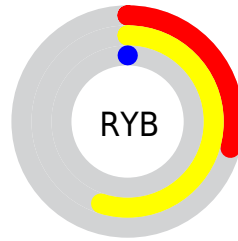
Distribution



Red (55%)

Green (36%)

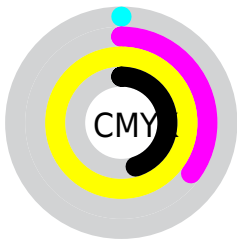
Blue (0%)



Red (29%)

Yellow (55%)

Blue (0%)

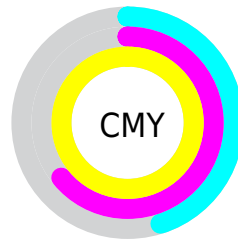


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8117, 13.3170, 1.7898 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 14.8117, 13.3170, 1.7898 by changing the saturation by 10% instead.


 14.8117, 13.3170,
1.7898


 14.8117, 13.3170,
1.7898


 215.6347,
212.9394, 119.0224


 8.7728, 7.6472,
0.4212


 34.0969, 31.8721,
8.4577

 4.6492, 3.8700,
0.0000

 48.0739, 45.5262,
14.6897


 2.0756, 1.6011,
0.0000

 65.4276, 62.6106,
23.4118

 0.6759, 0.3584,
0.0000


 86.5234, 83.5095,
35.0425


 0.0000, 0.0000,
0.0000


 111.7267,
108.6075, 50.0004


 141.4027,


138.2889, 68.7040


 175.9170,
172.9380, 91.5718


 14.8117, 13.3170,
1.7898


 14.8117, 13.3170,
1.7898


 14.8118, 13.3174,
1.7898

 15.3303, 14.2263,
2.3572

 15.9286, 15.2117,
3.2082

 16.6347, 16.2857,
4.4860

 17.4587, 17.4531,
6.2422

 18.4095, 18.7183,
8.5210

■ 19.4949, 20.0851,
11.3617

■ 20.7221, 21.5571,
14.7994

■ 22.0976, 23.1375,
18.8667

■ 23.6276, 24.8296,
23.5936

Harmonies

Analogous

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



19.1001, 13.3170, 3.6674



14.8117, 13.3170, 1.7898



10.7212, 13.3170, 1.7902

Triad

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



14.8117, 13.3170, 1.7898



6.4606, 13.3170, 21.1781



19.1019, 13.3170, 37.0810

Complementary

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



14.8117, 13.3170, 1.7898



5.9061, 4.1199, 25.6832

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.



14.8138, 13.3170, 49.1395



14.8117, 13.3170, 1.7898



7.8558, 13.3170, 37.0882

Square

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



14.8117, 13.3170, 1.7898



6.4602, 13.3170, 9.4018



10.7228, 13.3170, 49.1427



21.9179, 13.3170, 21.1712

Rectangle

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



14.8117, 13.3170, 1.7898



8.6470, 13.3170, 2.7458



10.7228, 13.3170, 49.1427



17.7483, 13.3170, 42.0240

Sweetspot

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



14.8120, 13.3177, 1.7900



36.9599, 38.4290, 26.0715



11.5464, 5.8876, 3.4728



8.0685, 8.3619, 5.2928



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.8120, 13.3177, 1.7900



26.3637, 23.5255, 3.1514



17.2499, 23.0321, 3.5366



5.6839, 5.9742, 5.7429



13.5208, 12.1732, 1.6370



0.1499, 0.1577, 0.0225

Inverse Universe

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



5.9061, 4.1199, 25.6832



10.4321, 7.0884, 45.9462



5.1203, 2.0843, 25.3317



5.2733, 5.5424, 6.8206



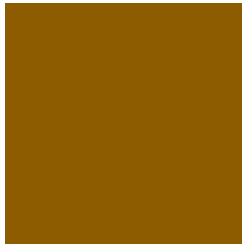
5.3989, 3.7837, 23.4229



0.0708, 0.0745, 0.2303

Previews

White Background



This preview shows how the XYZ color 14.8117, 13.3170, 1.7898 looks on a white background.

Color Contrast Check

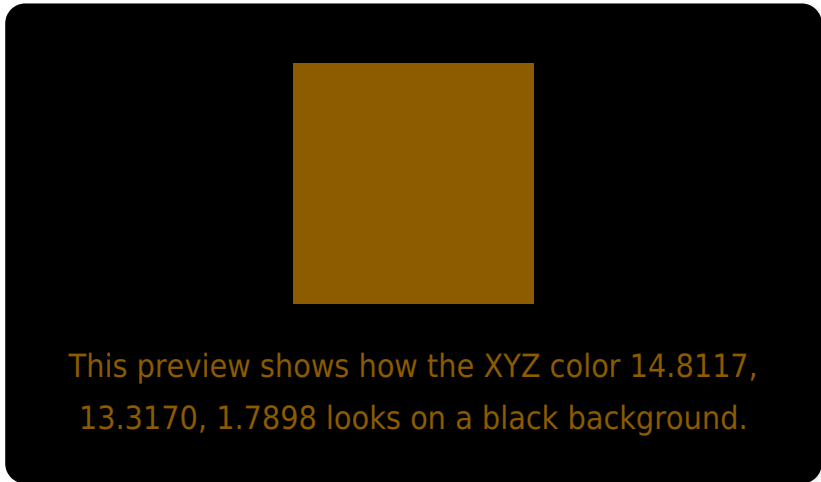
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

XYZ 14.8117, 13.3170, 1.7898

Background



This preview shows how black text looks on a background with the XYZ color 14.8117, 13.3170, 1.7898.



This preview shows how white text looks on a background with the XYZ color 14.8117, 13.3170,

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

14.8117, 13.3170, 1.7898

Protanopia

12.1075, 13.4354, 2.2423

Deuteranopia

13.4806, 13.2952, 1.8557



Tritanopia

16.9366, 13.4480, 11.8283

Trichromacy



Original Color

14.8117, 13.3170, 1.7898

Protanomaly

12.9522, 13.2968, 2.0562

Deuteranomaly

13.9237, 13.2528, 1.8242

Tritanomaly

15.7807, 13.2245, 5.8585

Monochromacy



Original Color

14.8117, 13.3170, 1.7898

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.6166, 11.9661, 6.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8117, 13.3170, 1.7898 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(141, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 92, 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(141, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 92, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8117, 13.3170, 1.7898 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(141, 92, 0) }
```


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

```
.border{ border-color:rgb(141, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8117, 13.3170, 1.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 92, 0) }
```

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

```
.background{ background-color: rgb(141, 92,  
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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