

Converting Colors

XYZ(14.8464, 13.1860, 2.2113)

Have a look what the booklet for
XYZ(14.8464, 13.1860, 2.2113)
contains.

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Color

**XYZ(14.8118, 13.1794,
2.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5B0F
RGB	141, 91, 15
RGB Percent	55%, 36%, 6%
CMY	0.4471, 0.6431, 0.9412
CMYK	0.00, 0.35, 0.89, 0.45
HSL	36°, 81%, 31%
HSV	36°, 89%, 55%
XYZ	14.8118, 13.1794, 2.2151
YIQ	97.2860, 54.1960, -13.0360

Conversions

Conversions Part 2

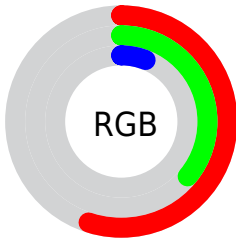
Format	Color
RYB	98, 141, 15
Decimal	9263887
CIELab	43.03, 14.62, 47.18
CIElCh	43, 49.394, 72.787
Yxy	13.1794, 0.4904, 0.4363
Android (android.graphics.Color)	4287453967 (0xFF8D5B0F)
YUV	97.2860, -40.5670, 38.3372
Hunter-Lab	36.3034, 9.2970, 21.7948

Details

The XYZ color **14.8118, 13.1794, 2.2151** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.8948, 5.8049, 25.9561**, and the grayscale version is **11.5206, 12.1206, 13.1993**.

A 20% lighter version of the original color is **34.0912, 31.5971, 9.6122**, and **4.7761, 3.8552, 0.4924** is the 20% darker color. If you saturate the color by 10%, you get **14.2702, 12.2263, 1.6337**, and if you desaturate by 10%, it is **15.4452, 14.2274, 3.1011**.

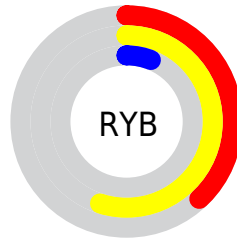
Distribution



Red (55%)

Green (36%)

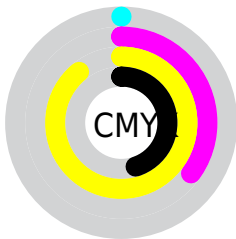
Blue (6%)



Red (38%)

Yellow (55%)

Blue (6%)

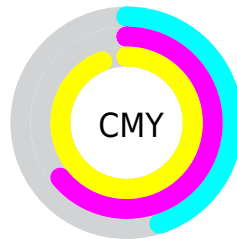


Cyan (0%)

Magenta (35%)

Yellow (89%)

Black (45%)



Cyan (45%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8118, 13.1794, 2.2151 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 14.8118, 13.1794, 2.2151 by changing the saturation by 10% instead.

■ 14.8118, 13.1794,
2.2151

■ 14.8118, 13.1794,
2.2151

215.6353,
212.0642, 125.6322

■ 8.7729, 7.5522,
0.6831

■ 34.0971, 31.6257,
9.6209

■ 4.6492, 3.8098,
0.0000

■ 48.0741, 45.2136,
16.3583

■ 2.0756, 1.5677,
0.0000

■ 65.4279, 62.2239,
25.6766

■ 0.6759, 0.3357,
0.0000


■ 86.5237, 83.0409,
37.9945


■ 0.0000, 0.0000,
0.0000


■ 111.7271,
108.0490, 53.7305


■ 141.4032,


137.6327, 73.3030


 175.9175,
172.1763, 97.1308


 14.8118, 13.1794,
2.2151


 14.8118, 13.1794,
2.2151


 14.2702, 12.2263,
1.6337


 15.4452, 14.2274,
3.1011

 14.2370, 12.1678,
1.5982

 16.1946, 15.3795,
4.4200

 17.0708, 16.6417,
6.2230

 18.0827, 18.0188,
8.5540

 19.2383, 19.5150,
11.4520

■ 20.5451, 21.1344,
14.9523

■ 22.0097, 22.8807,
19.0871

■ 23.6384, 24.7575,
23.8865

■ 25.4371, 26.7680,
29.3785

Harmonies

Analogous

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



18.6793, 13.1794, 4.3226



14.8118, 13.1794, 2.2151



10.9804, 13.1794, 2.0971

Triad

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



14.8118, 13.1794, 2.2151



6.6742, 13.1794, 19.4888



18.1642, 13.1794, 35.7921

Complementary

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



14.8118, 13.1794, 2.2151



6.8948, 5.8049, 25.9561

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.



14.2116, 13.1794, 45.8884



14.8118, 13.1794, 2.2151



7.8994, 13.1794, 33.7345

Square

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



14.8118, 13.1794, 2.2151



6.7705, 13.1794, 9.0129



10.4895, 13.1794, 44.9880



20.8670, 13.1794, 21.4631

Rectangle

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



14.8118, 13.1794, 2.2151



8.9769, 13.1794, 2.9774



10.4895, 13.1794, 44.9880



16.9069, 13.1794, 40.0549

Sweetspot

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



14.8121, 13.1801, 2.2153



37.2395, 38.3889, 28.0116



12.1210, 6.3907, 5.6568



8.1541, 8.3759, 5.8056



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.



14.8121, 13.1801, 2.2153



25.3285, 21.4551, 2.8063



18.5733, 23.7043, 4.0485



5.6624, 5.9311, 5.7357



12.9973, 11.1263, 1.4626



0.1458, 0.1495, 0.0212

Inverse Universe

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



6.8948, 5.8049, 25.9561



10.9826, 8.1895, 46.1298



5.4466, 2.5061, 25.3957



5.2942, 5.5842, 6.8276



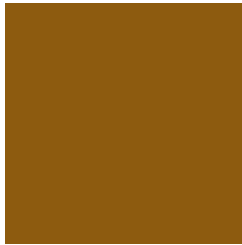
5.6856, 4.3572, 23.5184



0.0749, 0.0827, 0.2317

Previews

White Background



This preview shows how the XYZ color 14.8118, 13.1794, 2.2151 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 14.8118, 13.1794, 2.2151 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 14.8118, 13.1794, 2.2151

Background



This preview shows how black text looks on a background with the XYZ color 14.8118, 13.1794, 2.2151.



This preview shows how white text looks on a background with the XYZ color 14.8118, 13.1794,

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

14.8118, 13.1794, 2.2151

Protanopia

11.9308, 13.1913, 2.4896

Deuteranopia

13.3773, 13.2362, 2.1082



Tritanopia

16.8139, 13.2721, 11.5731

Trichromacy



Original Color

14.8118, 13.1794, 2.2151

Protanomaly

12.7810, 13.0609, 2.3777

Deuteranomaly

13.8255, 13.1951, 2.1348

Tritanomaly

15.8070, 13.1046, 6.3989

Monochromacy



Original Color

14.8118, 13.1794, 2.2151

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.9154, 12.1004, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8118, 13.1794, 2.2151 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, 91, 15)` looks like.

```
.text, #text, p{  
    color:rgb(141, 91, 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(141, 91, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 91, 15) }
```

Border

The CSS property to change the border of an element to XYZ 14.8118, 13.1794, 2.2151 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, 91, 15) }
```


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

```
.border{ border-color:rgb(141, 91, 15) }
```

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

Here you see how a box with a 4 pixel rgb(141, 91, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 91, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 91, 15);  
box-shadow:4px 4px 4px 4px rgb(141, 91,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8118, 13.1794, 2.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 91, 15) }
```

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

```
.background{ background-color: rgb(141, 91,  
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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