

Converting Colors

XYZ(13.9135, 11.0586, 2.9151)

Have a look what the booklet for
XYZ(13.9135, 11.0586, 2.9151)
contains.

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Color

**XYZ(13.9271, 11.0860,
2.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4D22
RGB	141, 77, 34
RGB Percent	55%, 30%, 13%
CMY	0.4471, 0.6980, 0.8667
CMYK	0.00, 0.45, 0.76, 0.45
HSL	24°, 61%, 34%
HSV	24°, 76%, 55%
XYZ	13.9271, 11.0860, 2.9191
YIQ	91.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

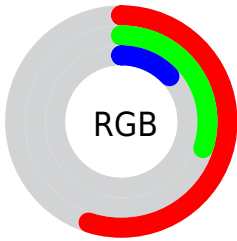
Format	Color
R_{YB}	141, 106, 34
Decimal	9260322
CIE Lab	39.72, 23.41, 36.22
CIE LCh	40, 43.123, 57.129
Yxy	11.0860, 0.4986, 0.3969
Android (android.graphics.Color)	4287450402 (0xFF8D4D22)
YUV	91.2340, -28.2164, 43.6448
Hunter-Lab	33.2956, 16.3967, 18.1089

Details

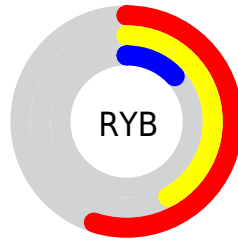
The XYZ color **13.9271, 11.0860, 2.9191** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.8346, 10.9976, 26.8035**, and the grayscale version is **10.0516, 10.5750, 11.5162**.

A 20% lighter version of the original color is **32.6278, 27.9149, 11.4530**, and **4.3277, 2.9584, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **13.2117, 9.9166, 1.8750**, and if you desaturate by 10%, it is **14.8031, 12.4430, 4.4287**.

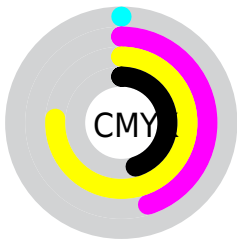
Distribution



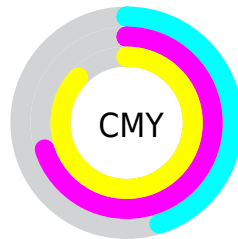
- Red (55%)
- Green (30%)
- Blue (13%)



- Red (55%)
- Yellow (42%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9271, 11.0860, 2.9191 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 13.9271, 11.0860, 2.9191 by changing the saturation by 10% instead.

■ 13.9271, 11.0860,
2.9191

■ 13.9271, 11.0860,
2.9191

210.2965,
198.2566, 135.3235

■ 8.1513, 6.1247,
1.0535

■ 32.5470, 27.8191,
11.4282

■ 4.2446, 2.9211,
0.0000

■ 46.1218, 40.3597,
18.9087

■ 1.8414, 1.0907,
0.0000

■ 63.0270, 56.1955,
29.0979

■ 0.5424, 0.0000,
0.0000

■ 83.6280, 75.7109,
42.4143

■ 0.0000, 0.0000,
0.0000

■ 108.2901, 99.2903,
59.2766

■ 137.3786,

127.3182, 80.1032

171.2590,
160.1788, 105.3126

13.9271, 11.0860,
2.9191

13.9271, 11.0860,
2.9191

13.2117, 9.9166,
1.8750

14.8031, 12.4430,
4.4287

12.6393, 8.9217,
1.2225

15.8506, 13.9951,
6.4522

12.4312, 8.5563,
0.9963

17.0807, 15.7512,
9.0324

18.5027, 17.7192,
12.2074

20.1256, 19.9064,
16.0119

■ 21.9577, 22.3199,
20.4781

■ 24.0065, 24.9662,
25.6356

■ 26.2796, 27.8518,
31.5125

■ 28.7838, 30.9827,
38.1352

Harmonies

Analogous

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



16.4379, 11.0860, 6.0727



13.9271, 11.0860, 2.9191



10.8238, 11.0860, 2.0272

Triad

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



13.9271, 11.0860, 2.9191



5.8244, 11.0860, 11.2747



13.3424, 11.0860, 33.0840

Complementary

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



13.9271, 11.0860, 2.9191



9.8346, 10.9976, 26.8035

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.



10.2552, 11.0860, 36.6682



13.9271, 11.0860, 2.9191



6.2501, 11.0860, 21.1025

Square

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



13.9271, 11.0860, 2.9191



6.4529, 11.0860, 5.2236



7.7470, 11.0860, 31.5148



16.0584, 11.0860, 23.2160

Rectangle

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



13.9271, 11.0860, 2.9191



8.9523, 11.0860, 2.2480



7.7470, 11.0860, 31.5148



12.2983, 11.0860, 35.2184

Sweetspot

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



13.9274, 11.0866, 2.9193



36.7925, 36.6464, 30.4790



13.7705, 7.6924, 12.3638



7.9938, 7.8874, 6.2702



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.



13.9274, 11.0866, 2.9193



22.9140, 16.4702, 2.4824



19.2957, 21.8232, 4.7087



5.5757, 5.7576, 5.7068



11.3499, 7.8314, 0.9134



0.1291, 0.1161, 0.0156

Inverse Universe

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



9.8346, 10.9976, 26.8035



15.1300, 16.1536, 47.4484



6.3944, 4.1172, 25.6567



5.3809, 5.7575, 6.8565



7.3137, 7.6133, 24.0611



0.0916, 0.1161, 0.2373

Previews

White Background



This preview shows how the XYZ color 13.9271, 11.0860, 2.9191 looks on a white background.

Color Contrast Check

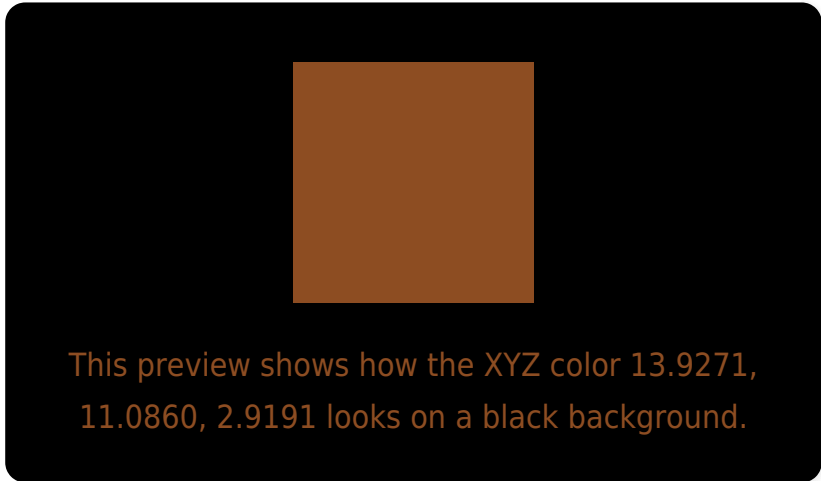
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9271, 11.0860, 2.9191

Background



This preview shows how black text looks on a background with the XYZ color 13.9271, 11.0860, 2.9191.



This preview shows how white text looks on a background with the XYZ color 13.9271, 11.0860,

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

13.9271, 11.0860, 2.9191

Protanopia

10.1946, 11.1551, 3.5353

Deuteranopia

11.2779, 11.0900, 2.7745



Tritanopia

15.0202, 11.0244, 8.5440

Trichromacy



Original Color

13.9271, 11.0860, 2.9191

Protanomaly

11.2949, 10.9646, 3.2713

Deuteranomaly

12.1000, 11.0315, 2.7879

Tritanomaly

14.4736, 10.9961, 5.9171

Monochromacy



Original Color

13.9271, 11.0860, 2.9191

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.7400, 10.3490, 7.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9271, 11.0860, 2.9191 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, 77, 34)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 34)  
}
```

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, 77, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 34) }
```

Border

The CSS property to change the border of an element to XYZ 13.9271, 11.0860, 2.9191 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, 77, 34) }
```


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

```
.border{ border-color:rgb(141, 77, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 77, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 34);  
box-shadow:4px 4px 4px 4px rgb(141, 77,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9271, 11.0860, 2.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 34) }
```

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

```
.background{ background-color: rgb(141, 77,  
34) }
```

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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