

Converting Colors

XYZ(14.0787, 8.0900, 0.8200)

Have a look what the booklet for
XYZ(14.0787, 8.0900, 0.8200)
contains.

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Color

**XYZ(14.0896, 8.1126,
0.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2200
RGB	155, 34, 0
RGB Percent	61%, 13%, 0%
CMY	0.3922, 0.8666, 1.0000
CMYK	0.00, 0.78, 1.00, 0.39
HSL	13°, 100%, 30%
HSV	13°, 100%, 61%
XYZ	14.0896, 8.1126, 0.8233
YIQ	66.3030, 83.0300, 15.0780

Conversions

Conversions Part 2

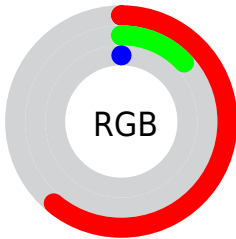
Format	Color
RYB	155, 44, 0
Decimal	10166784
CIELab	34.22, 48.17, 47.22
CIELCh	34, 67.453, 44.427
Yxy	8.1126, 0.6119, 0.3523
Android (android.graphics.Color)	4288356864 (0xFF9B2200)
YUV	66.3030, -32.6874, 77.7873
Hunter-Lab	28.4826, 38.4546, 18.2240

Details

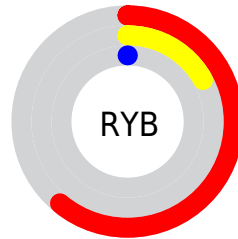
The XYZ color **14.0896, 8.1126, 0.8233** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **12.7528, 16.0393, 33.4339**, and the grayscale version is **5.2666, 5.5409, 6.0340**.

A 20% lighter version of the original color is **32.7420, 22.1182, 5.4493**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **14.0897, 8.1130, 0.8234**, and if you desaturate by 10%, it is **14.5885, 8.9669, 1.4328**.

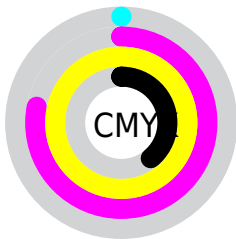
Distribution



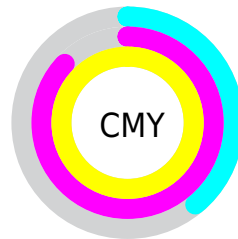
- Red (61%)
- Green (13%)
- Blue (0%)



- Red (61%)
- Yellow (17%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (39%)




- Cyan (39%)
- Magenta (87%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0896, 8.1126, 0.8233 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 14.0896, 8.1126, 0.8233 by changing the saturation by 10% instead.


 14.0896, 8.1126,
0.8233


 14.0896, 8.1126,
0.8233


 211.2870,
176.6125, 100.1984


 8.2651, 4.1671,
0.0000


 32.8329, 22.1789,
5.4807


 4.3183, 1.7675,
0.0000

 46.4824, 33.0685,
10.2856


 1.8837, 0.4668,
0.0000

 63.4709, 47.0415,
17.3017

 0.5674, 0.0000,
0.0000


 84.1639, 64.4824,
26.9475


 0.0000, 0.0000,
0.0000


 108.9266, 85.7755,
39.6415


 138.1245,


111.3054, 55.8023


 172.1228,
141.4562, 75.8485


 14.0896, 8.1126,
0.8233


 14.0896, 8.1126,
0.8233


 14.0897, 8.1130,
0.8234

 14.5885, 8.9669,
1.4328

 15.2884, 10.1145,
2.4429

 16.2300, 11.5885,
4.0183

 17.4350, 13.4123,
6.2275

 18.9226, 15.6070,
9.1295

■ 20.7098, 18.1919,
12.7761

■ 22.8126, 21.1851,
17.2144

■ 25.2454, 24.6034,
22.4875

■ 28.0221, 28.4627,
28.6354

Harmonies

Analogous

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



17.0113, 8.1126, 4.6232



14.0896, 8.1126, 0.8233



9.8125, 8.1126, 0.0000

Triad

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



14.0896, 8.1126, 0.8233



2.6426, 8.1126, 4.3692



9.6500, 8.1126, 47.7083

Complementary

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



14.0896, 8.1126, 0.8233



12.7528, 16.0393, 33.4339

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.



5.9329, 8.1126, 47.3803



14.0896, 8.1126, 0.8233



2.6244, 8.1126, 15.0403

Square

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



14.0896, 8.1126, 0.8233



3.6853, 8.1126, 0.7567



3.6234, 8.1126, 32.5997



13.9379, 8.1126, 33.3015

Rectangle

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



14.0896, 8.1126, 0.8233



7.1676, 8.1126, 0.0000



3.6234, 8.1126, 32.5997



8.2808, 8.1126, 49.5460

Sweetspot

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



14.0898, 8.1131, 0.8234



40.6184, 37.6055, 30.3229



16.9943, 8.3593, 18.9412



8.8465, 8.0191, 6.1252



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.0898, 8.1131, 0.8234



25.1167, 14.2962, 1.4357



19.2110, 18.3556, 2.5305



6.3133, 6.4316, 6.5145



11.3414, 6.5653, 0.6695



0.1927, 0.1444, 0.0177

Inverse Universe

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



12.7528, 16.0393, 33.4339



22.6950, 28.4370, 59.8290



6.8140, 4.1618, 31.4543



6.2696, 6.7965, 7.9104



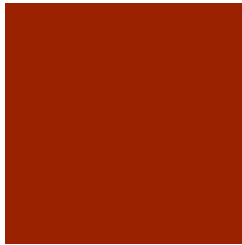
10.2719, 12.9404, 26.8641



0.1791, 0.2445, 0.4101

Previews

White Background



This preview shows how the XYZ color 14.0896, 8.1126, 0.8233 looks on a white background.

Color Contrast Check

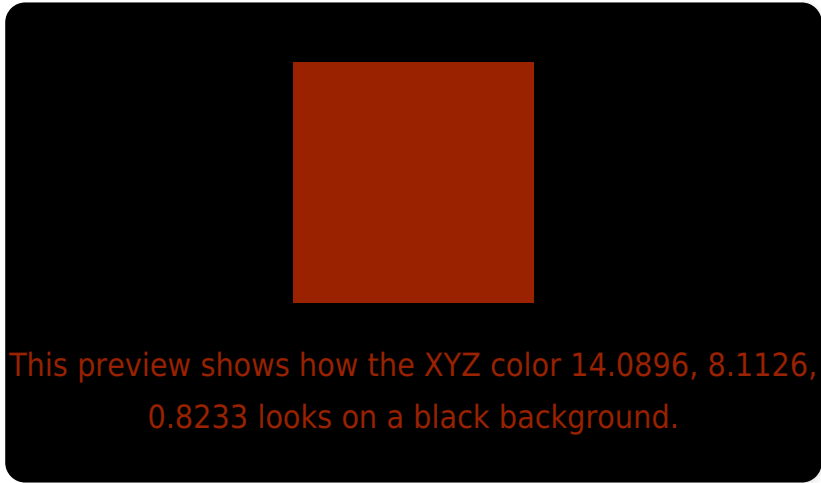
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.0896, 8.1126, 0.8233

Background



This preview shows how black text looks on a background with the XYZ color 14.0896, 8.1126, 0.8233.



This preview shows how white text looks on a background with the XYZ color 14.0896, 8.1126,

0.8233.

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

14.0896, 8.1126, 0.8233

Protanopia

7.5401, 8.3536, 1.7873

Deuteranopia

8.3179, 8.3323, 1.1699



Tritanopia

14.2948, 8.1059, 2.1777

Trichromacy



Original Color

14.0896, 8.1126, 0.8233

Protanomaly

9.0209, 7.4496, 1.2791

Deuteranomaly

9.7487, 7.5828, 0.9498

Tritanomaly

14.1877, 8.1068, 1.4788

Monochromacy



Original Color

14.0896, 8.1126, 0.8233

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.7741, 5.4022, 2.8762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0896, 8.1126, 0.8233 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(155, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 34, 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(155, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 34, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.0896, 8.1126, 0.8233 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(155, 34, 0) }
```


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

```
.border{ border-color:rgb(155, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(155, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0896, 8.1126, 0.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 34, 0) }
```

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

```
.background{ background-color: rgb(155, 34,  
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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