

Converting Colors

XYZ(14.2243, 7.6972, 1.0968)

Have a look what the booklet for
XYZ(14.2243, 7.6972, 1.0968)
contains.

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Color

**XYZ(14.2211, 7.6950,
1.0836)**

Conversions

Conversions Part 1

Format	Color
Hex	9D140C
RGB	157, 20, 12
RGB Percent	62%, 8%, 5%
CMY	0.3843, 0.9215, 0.9529
CMYK	0.00, 0.87, 0.92, 0.38
HSL	3°, 86%, 33%
HSV	3°, 92%, 62%
XYZ	14.2211, 7.6950, 1.0836
YIQ	60.0510, 84.2200, 26.5560

Conversions

Conversions Part 2

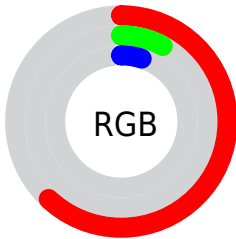
Format	Color
RYB	157, 20, 12
Decimal	10294284
CIELab	33.34, 52.77, 42.05
CIELCh	33, 67.475, 38.548
Yxy	7.6950, 0.6183, 0.3346
Android (android.graphics.Color)	4288484364 (0xFF9D140C)
YUV	60.0510, -23.6891, 85.0243
Hunter-Lab	27.7399, 42.9649, 17.1019

Details

The XYZ color **14.2211, 7.6950, 1.0836** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.9820, 24.0018, 35.6356**, and the grayscale version is **4.3271, 4.5525, 4.9576**.

A 20% lighter version of the original color is **32.9196, 21.2504, 6.3697**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **13.9986, 7.3564, 0.6821**, and if you desaturate by 10%, it is **14.7071, 8.4437, 1.9346**.

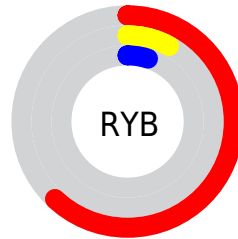
Distribution



Red (62%)

Green (8%)

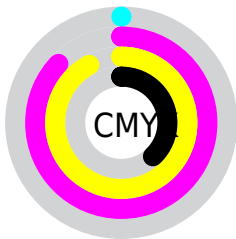
Blue (5%)



Red (62%)

Yellow (8%)

Blue (5%)

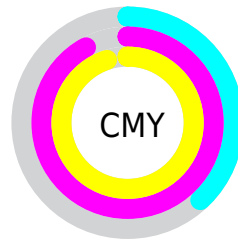


Cyan (0%)

Magenta (87%)

Yellow (92%)

Black (38%)



Cyan (38%)


Magenta (92%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2211, 7.6950, 1.0836 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 14.2211, 7.6950, 1.0836 by changing the saturation by 10% instead.


 14.2211, 7.6950,
1.0836


 14.2211, 7.6950,
1.0836


 212.0852,
173.3198, 105.9567


 8.3573, 3.9004,
0.0000


 33.0638, 21.3583,
6.3360


 4.3782, 1.6180,
0.0000

 46.7735, 31.9958,
11.5750


 1.9182, 0.3697,
0.0000

 63.8292, 45.6831,
19.1140

 0.5874, 0.0000,
0.0000


 84.5962, 62.8046,
29.3714


 0.0000, 0.0000,
0.0000


 109.4400, 83.7445,
42.7659


 138.7258,


108.8875, 59.7159


 172.8191,
138.6178, 80.6400


 14.2211, 7.6950,
1.0836


 14.2211, 7.6950,
1.0836


 13.9986, 7.3564,
0.6821

 14.7071, 8.4437,
1.9346

 15.4749, 9.5995,
3.3615

 16.5590, 11.2098,
5.4424

 17.9886, 13.3152,
8.2430

 19.7898, 15.9517,
11.8210

■ 21.9860, 19.1520,
16.2284

■ 24.5989, 22.9462,
21.5127

■ 27.6483, 27.3621,
27.7176

■ 31.1531, 32.4260,
34.8842

Harmonies

Analogous

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



16.5839, 7.6950, 5.7507



14.2211, 7.6950, 1.0836



10.1667, 7.6950, 0.0000

Triad

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



14.2211, 7.6950, 1.0836



2.5596, 7.6950, 2.9977



8.3982, 7.6950, 47.6024

Complementary

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



14.2211, 7.6950, 1.0836



16.9820, 24.0018, 35.6356

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.



5.0519, 7.6950, 44.0046



14.2211, 7.6950, 1.0836



2.3637, 7.6950, 11.7051

Square

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



14.2211, 7.6950, 1.0836



3.7769, 7.6950, 0.3293



3.1086, 7.6950, 27.9560



12.5664, 7.6950, 35.6441

Rectangle

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



14.2211, 7.6950, 1.0836



7.4917, 7.6950, 0.0000



3.1086, 7.6950, 27.9560



7.1389, 7.6950, 48.2904

Sweetspot

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



14.2213, 7.6955, 1.0837



41.0713, 36.7650, 32.4861



19.5207, 9.6249, 29.5773



8.6450, 7.5194, 6.3564



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.



14.2213, 7.6955, 1.0837



25.0247, 13.0832, 1.2064



17.7763, 14.8056, 2.2687



6.6610, 6.7021, 6.9282



11.3788, 5.9932, 0.5571



0.2111, 0.1225, 0.0125

Inverse Universe

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



16.9820, 24.0018, 35.6356



29.9075, 42.3765, 63.7299



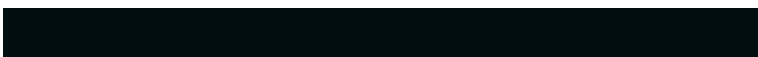
8.9088, 7.8553, 32.9445



6.7904, 7.4466, 8.4861



13.5935, 19.2786, 28.9119



0.2516, 0.3618, 0.5198

Previews

White Background



This preview shows how the XYZ color 14.2211, 7.6950, 1.0836 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 14.2211, 7.6950, 1.0836

Background



This preview shows how black text looks on a background with the XYZ color 14.2211, 7.6950, 1.0836.



This preview shows how white text looks on a background with the XYZ color 14.2211, 7.6950,

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

14.2211, 7.6950, 1.0836

Protanopia

7.3343, 8.1287, 2.1021

Deuteranopia

7.9513, 7.9356, 1.1126



Tritanopia

14.2483, 7.7058, 1.2266

Trichromacy



Original Color

14.2211, 7.6950, 1.0836

Protanomaly

8.6297, 6.7558, 1.5110

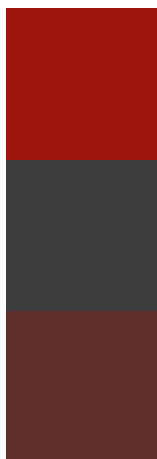
Deuteranomaly

9.3212, 6.9021, 0.9558

Tritanomaly

14.2410, 7.7029, 1.1882

Monochromacy



Original Color

14.2211, 7.6950, 1.0836

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.0937, 4.4841, 2.8298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2211, 7.6950, 1.0836 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(157, 20, 12)` looks like.

```
.text, #text, p{  
    color:rgb(157, 20, 12)  
}
```

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(157, 20, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 20, 12) }
```

Border

The CSS property to change the border of an element to XYZ 14.2211, 7.6950, 1.0836 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(157, 20, 12) }
```


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

```
.border{ border-color:rgb(157, 20, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 20, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 20, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 20, 12);  
box-shadow:4px 4px 4px 4px rgb(157, 20,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2211, 7.6950, 1.0836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 20, 12) }
```

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

```
.background{ background-color: rgb(157, 20,  
12) }
```

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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