

Converting Colors

XYZ(14.7436, 8.7188, 1.3220)

Have a look what the booklet for
XYZ(14.7436, 8.7188, 1.3220)
contains.

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Color

**XYZ(14.7427, 8.7174,
1.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	9D280E
RGB	157, 40, 14
RGB Percent	62%, 16%, 5%
CMY	0.3843, 0.8431, 0.9451
CMYK	0.00, 0.75, 0.91, 0.38
HSL	11°, 84%, 34%
HSV	11°, 91%, 62%
XYZ	14.7427, 8.7174, 1.3211
YIQ	72.0190, 78.0780, 16.7180

Conversions

Conversions Part 2

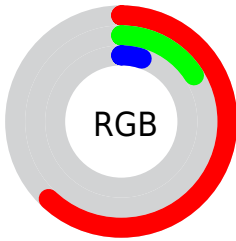
Format	Color
RYB	157, 46, 14
Decimal	10299406
CIELab	35.43, 46.95, 42.72
CIElCh	35, 63.477, 42.302
Yxy	8.7174, 0.5949, 0.3518
Android (android.graphics.Color)	4288489486 (0xFF9D280E)
YUV	72.0190, -28.6034, 74.5283
Hunter-Lab	29.5252, 37.4604, 18.0148

Details

The XYZ color **14.7427, 8.7174, 1.3211** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.3822, 18.7583, 34.7607**, and the grayscale version is **6.2018, 6.5247, 7.1054**.

A 20% lighter version of the original color is **34.0584, 23.4024, 7.1369**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.3330, 8.0250, 0.7936**, and if you desaturate by 10%, it is **15.4015, 9.7931, 2.2869**.

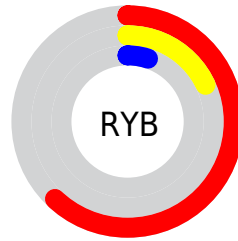
Distribution



Red (62%)

Green (16%)

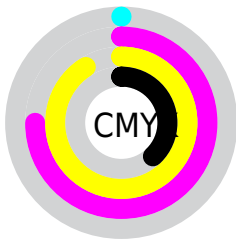
Blue (5%)



Red (62%)

Yellow (18%)

Blue (5%)

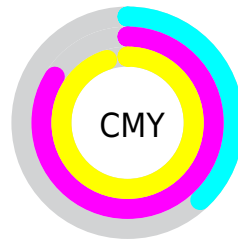


Cyan (0%)

Magenta (75%)

Yellow (91%)

Black (38%)



Cyan (38%)


Magenta (84%)

Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7427, 8.7174, 1.3211 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 14.7427, 8.7174, 1.3211 by changing the saturation by 10% instead.


 14.7427, 8.7174,
1.3211


 14.7427, 8.7174,
1.3211


 215.2229,
181.2555, 110.7387


 8.7241, 4.5573,
0.0790


 33.9765, 23.3533,
7.0842


 4.6174, 1.9899,
0.0000

 47.9225, 34.5979,
12.6855


 2.0570, 0.6016,
0.0000

 65.2417, 48.9728,
20.6581

 0.6657, 0.0000,
0.0000


 86.2994, 66.8624,
31.4204

 0.0000, 0.0000,
0.0000

 111.4611, 88.6510,
45.3911


 141.0920,


114.7232, 62.9887


 175.5575,
145.4632, 84.6317


 14.7427, 8.7174,
1.3211


 14.7427, 8.7174,
1.3211


 14.3330, 8.0250,
0.7936

 15.4015, 9.7931,
2.2869

 16.3166, 11.2218,
3.8294

 17.5127, 13.0323,
6.0217

 19.0114, 15.2496,
8.9260

 20.8320, 17.8969,
12.5971

■ 22.9923, 20.9955,
17.0844

■ 25.5085, 24.5651,
22.4333

■ 28.3961, 28.6244,
28.6856

■ 31.6695, 33.1911,
35.8807

Harmonies

Analogous

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



17.3658, 8.7174, 5.7775



14.7427, 8.7174, 1.3211



10.6429, 8.7174, 0.0434

Triad

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



14.7427, 8.7174, 1.3211



3.1867, 8.7174, 4.5461



9.8964, 8.7174, 46.5803

Complementary

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



14.7427, 8.7174, 1.3211



14.3822, 18.7583, 34.7607

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.



6.3050, 8.7174, 45.1609



14.7427, 8.7174, 1.3211



3.0959, 8.7174, 14.5307

Square

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



14.7427, 8.7174, 1.3211



4.3594, 8.7174, 0.9892



4.0579, 8.7174, 30.8803



14.0580, 8.7174, 33.9558

Rectangle

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



14.7427, 8.7174, 1.3211



8.0030, 8.7174, 0.0000



4.0579, 8.7174, 30.8803



8.5748, 8.7174, 47.8966

Sweetspot

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



14.7429, 8.7179, 1.3212



42.7076, 39.7795, 33.8276



18.3067, 9.1802, 23.0578



9.1011, 8.3314, 6.8174



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.



14.7429, 8.7179, 1.3212



25.5666, 14.1668, 1.3870



19.4881, 18.2084, 2.9030



6.7258, 6.8316, 6.9498



11.6618, 6.5593, 0.6514



0.2321, 0.1645, 0.0195

Inverse Universe

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



14.3822, 18.7583, 34.7607



24.6993, 31.9600, 61.9939



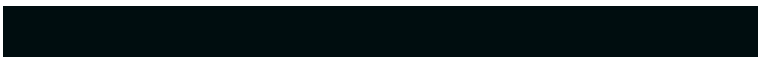
7.9715, 5.9369, 32.6238



6.7192, 7.3042, 8.4624



11.2842, 14.6599, 28.1421



0.2262, 0.3110, 0.5113

Previews

White Background



This preview shows how the XYZ color 14.7427, 8.7174, 1.3211 looks on a white background.

Color Contrast Check

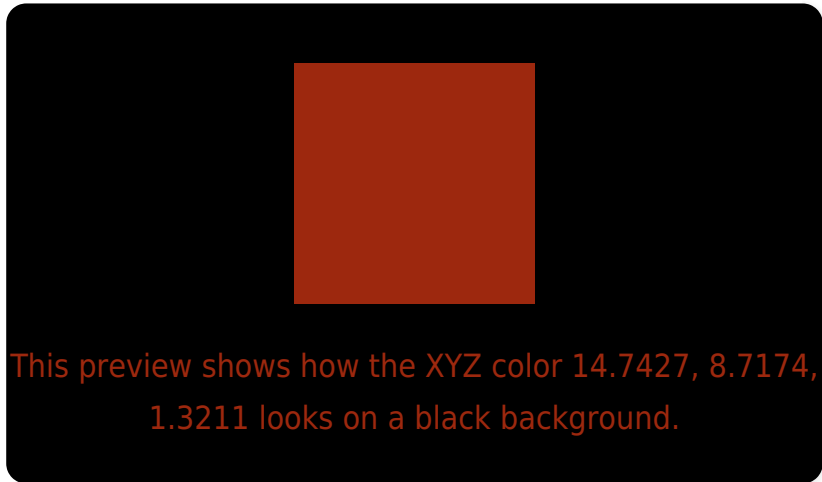
Large Text (above 18pt) WCAG AA ✓ Pass

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

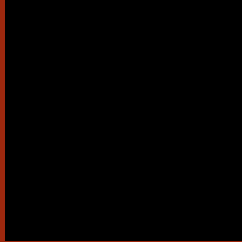
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7427, 8.7174, 1.3211

Background



This preview shows how black text looks on a background with the XYZ color 14.7427, 8.7174, 1.3211.



This preview shows how white text looks on a background with the XYZ color 14.7427, 8.7174,

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

14.7427, 8.7174, 1.3211

Protanopia

8.1433, 9.0001, 2.2277

Deuteranopia

8.9321, 8.8631, 1.2400



Tritanopia

14.9639, 8.7008, 2.8102

Trichromacy



Original Color

14.7427, 8.7174, 1.3211

Protanomaly

9.7347, 8.1619, 1.7718

Deuteranomaly

10.3751, 8.1515, 1.1702

Tritanomaly

14.8645, 8.7129, 2.1266

Monochromacy



Original Color

14.7427, 8.7174, 1.3211

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.8069, 6.3543, 3.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7427, 8.7174, 1.3211 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, 40, 14)` looks like.

```
.text, #text, p{  
    color:rgb(157, 40, 14)  
}
```

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, 40, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 40, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.7427, 8.7174, 1.3211 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, 40, 14) }
```


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

```
.border{ border-color:rgb(157, 40, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 40, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 40, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 40, 14);  
box-shadow:4px 4px 4px 4px rgb(157, 40,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7427, 8.7174, 1.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 40, 14) }
```

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

```
.background{ background-color: rgb(157, 40,  
14) }
```

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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