

Converting Colors

XYZ(14.2941, 7.9399, 0.7802)

Have a look what the booklet for
XYZ(14.2941, 7.9399, 0.7802)
contains.

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Color

**XYZ(14.2966, 7.9520,
0.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	9D1B00
RGB	157, 27, 0
RGB Percent	62%, 11%, 0%
CMY	0.3843, 0.8941, 1.0000
CMYK	0.00, 0.83, 1.00, 0.38
HSL	10°, 100%, 31%
HSV	10°, 100%, 62%
XYZ	14.2966, 7.9520, 0.7814
YIQ	62.7920, 86.1470, 19.1630

Conversions

Conversions Part 2

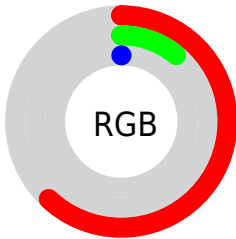
Format	Color
R_{YB}	157, 33, 0
Decimal	10296064
CIE Lab	33.88, 50.90, 47.24
CIE LCh	34, 69.444, 42.866
Yxy	7.9520, 0.6208, 0.3453
Android (android.graphics.Color)	4288486144 (0xFF9D1B00)
YUV	62.7920, -30.9565, 82.6204
Hunter-Lab	28.1993, 41.1480, 18.0966

Details

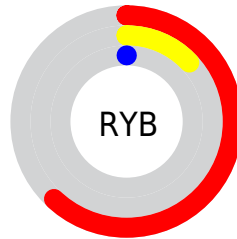
The XYZ color **14.2966, 7.9520, 0.7814** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.0669, 18.3966, 34.7076**, and the grayscale version is **4.7301, 4.9765, 5.4194**.

A 20% lighter version of the original color is **33.3181, 21.9344, 5.3834**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.2967, 7.9524, 0.7815**, and if you desaturate by 10%, it is **14.7550, 8.7229, 1.3846**.

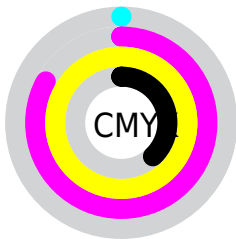
Distribution



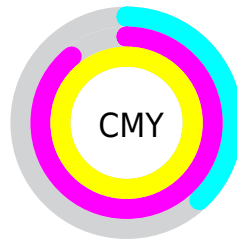
- Red (62%)
- Green (11%)
- Blue (0%)



- Red (62%)
- Yellow (13%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (89%)
- Yellow (100%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2966, 7.9520, 0.7814 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 14.2966, 7.9520, 0.7814 by changing the saturation by 10% instead.


 14.2966, 7.9520,
0.7814


 14.2966, 7.9520,
0.7814


 212.5421,
175.3550, 99.2752


 8.4103, 4.0642,
0.0000


 33.1963, 21.8643,
5.3483


 4.4126, 1.7096,
0.0000

 46.9404, 32.6576,
10.0839

 1.9381, 0.4298,
0.0000

 64.0345, 46.5216,
17.0161

 0.5988, 0.0000,
0.0000


 84.8439, 63.8406,
26.5635


 0.0000, 0.0000,
0.0000


 109.7340, 84.9991,
39.1446

 139.0702,

110.3814, 55.1778


 173.2178,
140.3719, 75.0819


 14.2966, 7.9520,
0.7814


 14.2966, 7.9520,
0.7814


 14.2967, 7.9524,
0.7815

 14.7550, 8.7229,
1.3846

 15.4308, 9.8163,
2.4057

 16.3684, 11.2716,
4.0130

 17.5928, 13.1178,
6.2784

 19.1255, 15.3808,
9.2631

■ 20.9861, 18.0841,
13.0216

■ 23.1926, 21.2496,
17.6029

■ 25.7615, 24.8976,
23.0520

■ 28.7083, 29.0473,
29.4106

Harmonies

Analogous

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



17.1815, 7.9520, 4.7775



14.2966, 7.9520, 0.7814



9.9274, 7.9520, 0.0000

Triad

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



14.2966, 7.9520, 0.7814



2.4976, 7.9520, 3.8328



9.3089, 7.9520, 49.4234

Complementary

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



14.2966, 7.9520, 0.7814



14.0669, 18.3966, 34.7076

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.



5.5994, 7.9520, 48.1436



14.2966, 7.9520, 0.7814



2.4307, 7.9520, 14.2187

Square

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



14.2966, 7.9520, 0.7814



3.5906, 7.9520, 0.5258



3.3609, 7.9520, 32.1986



13.7149, 7.9520, 34.9228

Rectangle

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



14.2966, 7.9520, 0.7814



7.1978, 7.9520, 0.0000



3.3609, 7.9520, 32.1986



7.9303, 7.9520, 51.0388

Sweetspot

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



14.2968, 7.9525, 0.7815



41.2898, 37.7049, 31.0088



17.9900, 8.8023, 22.1643



8.7332, 7.7925, 6.0875



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.



14.2968, 7.9525, 0.7815



25.5057, 14.0452, 1.3667



18.9223, 17.2035, 2.3233



6.7208, 6.8215, 6.9481



11.6316, 6.4987, 0.6413



0.2305, 0.1612, 0.0190

Inverse Universe

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



14.0669, 18.3966, 34.7076



25.0689, 32.6994, 62.1171



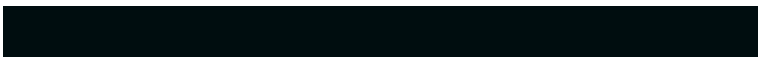
7.3288, 4.9203, 32.4615



6.7247, 7.3152, 8.4642



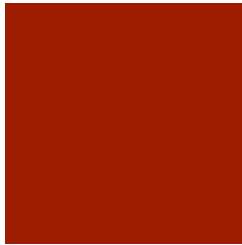
11.4486, 14.9887, 28.1969



0.2281, 0.3148, 0.5120

Previews

White Background



This preview shows how the XYZ color 14.2966, 7.9520, 0.7814 looks on a white background.

Color Contrast Check

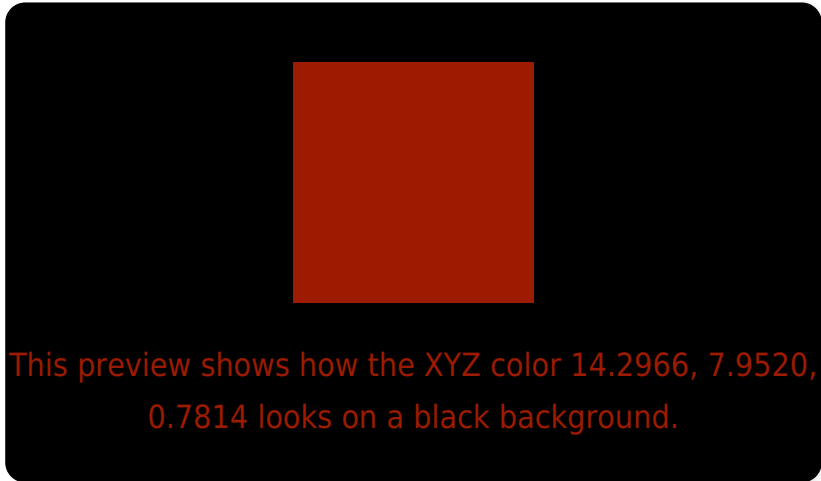
Large Text (above 18pt) WCAG AA ✓ Pass

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

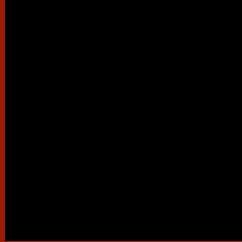
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2966, 7.9520, 0.7814

Background



This preview shows how black text looks on a background with the XYZ color 14.2966, 7.9520, 0.7814.



This preview shows how white text looks on a background with the XYZ color 14.2966, 7.9520,

0.7814.

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

14.2966, 7.9520, 0.7814

Protanopia

7.5485, 8.3569, 1.8313

Deuteranopia

8.2474, 8.1913, 1.1464



Tritanopia

14.4389, 7.9728, 1.6420

Trichromacy



Original Color

14.2966, 7.9520, 0.7814

Protanomaly

8.9914, 7.1848, 1.2607

Deuteranomaly

9.7323, 7.3389, 0.9036

Tritanomaly

14.3602, 7.9414, 1.2279

Monochromacy



Original Color

14.2966, 7.9520, 0.7814

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.4534, 4.9758, 2.6278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2966, 7.9520, 0.7814 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, 27, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 27, 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(157, 27, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 27, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2966, 7.9520, 0.7814 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, 27, 0) }
```


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

```
.border{ border-color:rgb(157, 27, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 27, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 27, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 27, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 27, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2966, 7.9520, 0.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 27, 0) }
```

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

```
.background{ background-color: rgb(157, 27,  
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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