

Converting Colors

XYZ(14.9559, 7.5893, 2.1585)

Have a look what the booklet for
XYZ(14.9559, 7.5893, 2.1585)
contains.

XYZ(14.9867, 7.6926, 2.2083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9867, 7.6926,
2.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	A10022
RGB	161, 0, 34
RGB Percent	63%, 0%, 13%
CMY	0.3686, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.79, 0.37
HSL	347°, 100%, 32%
HSV	347°, 100%, 63%
XYZ	14.9867, 7.6926, 2.2083
YIQ	52.0150, 85.0420, 44.7060

Conversions

Conversions Part 2

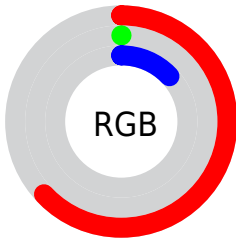
Format	Color
RYB	161, 0, 34
Decimal	10551330
CIELab	33.33, 57.47, 30.52
CIElCh	33, 65.073, 27.967
Yxy	7.6926, 0.6022, 0.3091
Android (android.graphics.Color)	4288741410 (0xFFA10022)
YUV	52.0150, -8.8814, 95.5798
Hunter-Lab	27.7355, 47.9140, 14.6942

Details

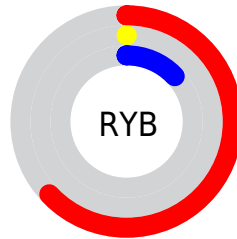
The XYZ color **14.9867, 7.6926, 2.2083** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.5776, 27.0227, 24.4298**, and the grayscale version is **3.2706, 3.4409, 3.7472**.

A 20% lighter version of the original color is **34.3226, 21.2702, 9.5043**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.9863, 7.6924, 2.2067**, and if you desaturate by 10%, it is **15.3921, 8.1542, 3.4206**.

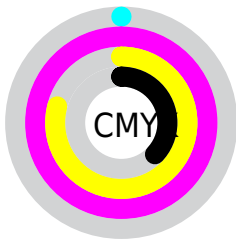
Distribution



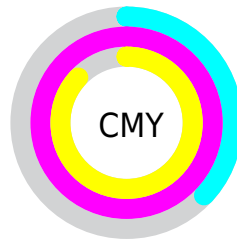
- Red (63%)
- Green (0%)
- Blue (13%)



- Red (63%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (37%)





- Cyan (37%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9867, 7.6926, 2.2083 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 14.9867, 7.6926, 2.2083 by changing the saturation by 10% instead.


 14.9867, 7.6926,
2.2083


 14.9867, 7.6926,
2.2083


216.6757,
173.3007, 125.5317


 8.8963, 3.8989,
0.6792


 34.4017, 21.3536,
9.6028


 4.7302, 1.6172,
0.0000

 48.4570, 31.9896,
16.3325


 2.1230, 0.3691,
0.0000

 65.8980, 45.6752,
25.6418

 0.7016, 0.0000,
0.0000


 87.0900, 62.7948,
37.9492


 0.0000, 0.0000,
0.0000

 112.3985, 83.7328,
53.6734


 142.1886,


108.8735, 73.2329


 176.8259,
138.6013, 97.0461


 14.9867, 7.6926,
2.2083


 14.9867, 7.6926,
2.2083


 14.9863, 7.6924,
2.2067

 15.3921, 8.1542,
3.4206

 16.0204, 8.9423,
5.0745

 16.9414, 10.1870,
7.2225

 18.1875, 11.9449,
9.9015

 19.7868, 14.2644,
13.1448

■ 21.7642, 17.1879,
16.9831

■ 24.1423, 20.7542,
21.4444

■ 26.9420, 24.9985,
26.5551

■ 30.1825, 29.9535,
32.3402

Harmonies

Analogous

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



16.2803, 7.6926, 9.0764



14.9867, 7.6926, 2.2083



11.4810, 7.6926, 0.1613

Triad

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



14.9867, 7.6926, 2.2083



2.9698, 7.6926, 1.7575



7.0761, 7.6926, 46.0191

Complementary

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



14.9867, 7.6926, 2.2083



16.5776, 27.0227, 24.4298

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.



4.2979, 7.6926, 37.5271



14.9867, 7.6926, 2.2083



2.4458, 7.6926, 7.7124

Square

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



14.9867, 7.6926, 2.2083



4.5938, 7.6926, 0.0000



2.8411, 7.6926, 21.0126



10.9328, 7.6926, 39.4107

Rectangle

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



14.9867, 7.6926, 2.2083



8.8021, 7.6926, 0.0000



2.8411, 7.6926, 21.0126



5.9996, 7.6926, 44.7535

Sweetspot

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



14.9869, 7.6931, 2.2084



42.9698, 36.7663, 37.9106



15.0555, 7.0187, 34.2792



9.0400, 7.4860, 7.5992



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.9869, 7.6931, 2.2084



26.7799, 13.7527, 3.6389



15.6608, 9.5027, 1.0096



7.1321, 7.1093, 7.6821



11.9819, 6.1488, 1.8294



0.2673, 0.1354, 0.1202

Inverse Universe

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



14.9869, 7.6931, 2.2084



26.7799, 13.7527, 3.6389



12.6087, 14.9241, 35.9341



7.1321, 7.1093, 7.6821



11.9819, 6.1488, 1.8294



0.2673, 0.1354, 0.1202

Previews

White Background



This preview shows how the XYZ color 14.9867, 7.6926, 2.2083 looks on a white background.

Color Contrast Check

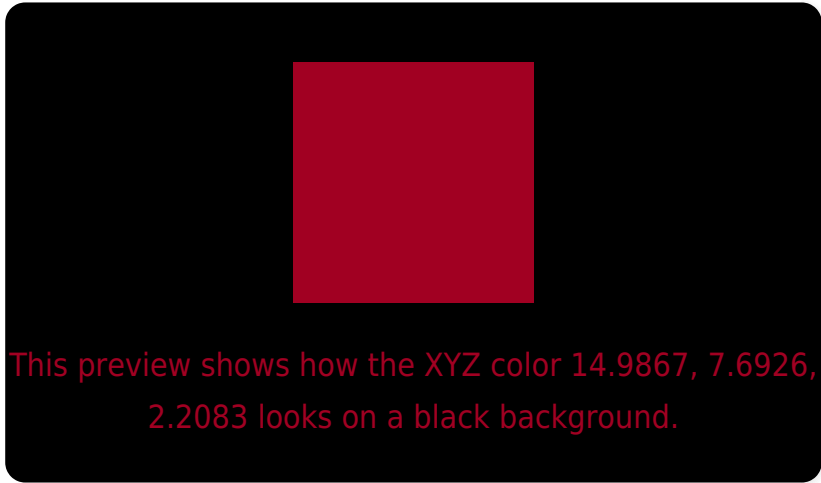
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9867, 7.6926, 2.2083

Background



This preview shows how black text looks on a background with the XYZ color 14.9867, 7.6926, 2.2083.



This preview shows how white text looks on a background with the XYZ color 14.9867, 7.6926,

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

14.9867, 7.6926, 2.2083

Protanopia

7.7570, 8.4064, 4.4626

Deuteranopia

8.2880, 8.1944, 1.9555



Tritanopia

14.8769, 7.8999, 0.8556

Trichromacy



Original Color

14.9867, 7.6926, 2.2083

Protanomaly

8.7719, 6.2903, 3.2344

Deuteranomaly

9.4645, 6.4867, 1.7901

Tritanomaly

14.8819, 7.8069, 1.1745

Monochromacy



Original Color

14.9867, 7.6926, 2.2083

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.4311, 3.5525, 2.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9867, 7.6926, 2.2083 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(161, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 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(161, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 34) }
```

Border

The CSS property to change the border of an element to XYZ 14.9867, 7.6926, 2.2083 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(161, 0, 34) }
```


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

```
.border{ border-color:rgb(161, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9867, 7.6926, 2.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 34) }
```

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

```
.background{ background-color: rgb(161, 0,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor