

Converting Colors

XYZ(14.2001, 7.2863, 2.2056)

Have a look what the booklet for
XYZ(14.2001, 7.2863, 2.2056)
contains.

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Color

**XYZ(14.1934, 7.2836,
2.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0022
RGB	157, 0, 34
RGB Percent	62%, 0%, 13%
CMY	0.3843, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.78, 0.38
HSL	347°, 100%, 31%
HSV	347°, 100%, 62%
XYZ	14.1934, 7.2836, 2.1712
YIQ	50.8190, 82.6580, 43.8580

Conversions

Conversions Part 2

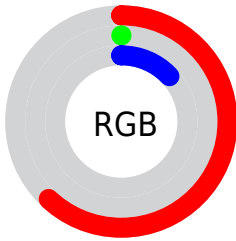
Format	Color
R_{YB}	157, 0, 34
Decimal	10289186
CIE Lab	32.44, 56.46, 29.29
CIE LCh	32, 63.604, 27.419
Yxy	7.2836, 0.6002, 0.3080
Android (android.graphics.Color)	4288479266 (0xFF9D0022)
YUV	50.8190, -8.2918, 93.1207
Hunter-Lab	26.9881, 46.6461, 14.1218

Details

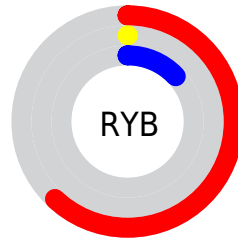
The XYZ color **14.1934, 7.2836, 2.1712** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.6337, 25.5446, 22.8528**, and the grayscale version is **3.1296, 3.2926, 3.5856**.

A 20% lighter version of the original color is **33.0373, 20.5077, 9.4248**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.1931, 7.2835, 2.1698**, and if you desaturate by 10%, it is **14.5849, 7.7301, 3.3395**.

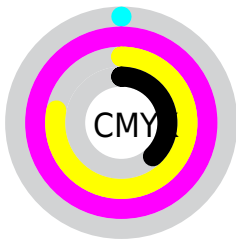
Distribution



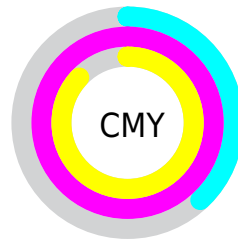
- Red (62%)
- Green (0%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1934, 7.2836, 2.1712 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 14.1934, 7.2836, 2.1712 by changing the saturation by 10% instead.


 14.1934, 7.2836,
2.1712

 14.1934, 7.2836,
2.1712


211.9173,
169.9998, 124.9810


 8.3379, 3.6401,
0.6577


 33.0152, 20.5415,
9.5038


 4.3655, 1.4743,
0.0000

 46.7122, 30.9247,
16.1913


 1.9109, 0.2706,
0.0000

 63.7538, 44.3232,
25.4509

 0.5832, 0.0000,
0.0000

 84.5052, 61.1215,
37.7013


 0.0000, 0.0000,
0.0000


 109.3320, 81.7039,
53.3610


 138.5993,


106.4548, 72.8485


 172.6726,
135.7587, 96.5823

 14.1934, 7.2836,
2.1712


 14.1934, 7.2836,
2.1712


 14.1931, 7.2835,
2.1698

 14.5849, 7.7301,
3.3395

 15.1849, 8.4820,
4.9209

 16.0603, 9.6647,
6.9644

 17.2416, 11.3312,
9.5041

 18.7550, 13.5269,
12.5707

■ 20.6238, 16.2918,
16.1923

■ 22.8692, 19.6621,
20.3950

■ 25.5105, 23.6708,
25.2031

■ 28.5661, 28.3487,
30.6396

Harmonies

Analogous

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



15.3606, 7.2836, 8.7746



14.1934, 7.2836, 2.1712



10.9186, 7.2836, 0.1638

Triad

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



14.1934, 7.2836, 2.1712



2.8434, 7.2836, 1.6283



6.6419, 7.2836, 43.2895

Complementary

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



14.1934, 7.2836, 2.1712



15.6337, 25.5446, 22.8528

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.



4.0445, 7.2836, 35.0882



14.1934, 7.2836, 2.1712



2.3311, 7.2836, 7.1425

Square

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



14.1934, 7.2836, 2.1712



4.3992, 7.2836, 0.0000



2.6889, 7.2836, 19.5414



10.2637, 7.2836, 37.3329

Rectangle

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



14.1934, 7.2836, 2.1712



8.3942, 7.2836, 0.0000



2.6889, 7.2836, 19.5414



5.6343, 7.2836, 42.0107

Sweetspot

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



14.1936, 7.2841, 2.1713



40.6990, 34.8242, 36.0499



14.2527, 6.6449, 32.4295



8.5961, 7.1217, 7.2646



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.



14.1936, 7.2841, 2.1713



25.3594, 13.0204, 3.5749



14.8241, 9.0069, 0.9579



6.6889, 6.6685, 7.2129



11.5392, 5.9203, 1.8246



0.2201, 0.1114, 0.1050

Inverse Universe

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



14.1936, 7.2841, 2.1713



25.3594, 13.0204, 3.5749



11.9381, 14.1385, 33.9980



6.6889, 6.6685, 7.2129



11.5392, 5.9203, 1.8246



0.2201, 0.1114, 0.1050

Previews

White Background



This preview shows how the XYZ color 14.1934, 7.2836, 2.1712 looks on a white background.

Color Contrast Check

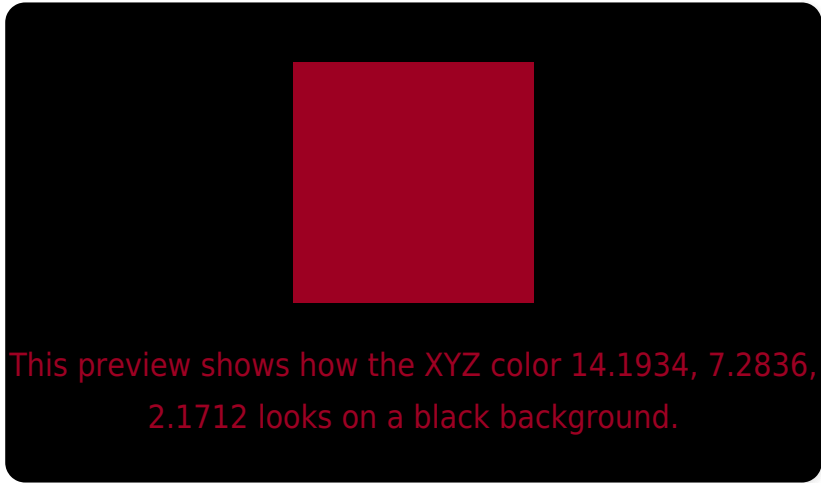
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1934, 7.2836, 2.1712

Background



This preview shows how black text looks on a background with the XYZ color 14.1934, 7.2836, 2.1712.



This preview shows how white text looks on a background with the XYZ color 14.1934, 7.2836,

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

14.1934, 7.2836, 2.1712

Protanopia

7.3262, 7.9637, 4.3998

Deuteranopia

8.0048, 7.9442, 1.9756



Tritanopia

14.0891, 7.4931, 0.8473

Trichromacy



Original Color

14.1934, 7.2836, 2.1712

Protanomaly

8.3396, 6.0019, 3.2016

Deuteranomaly

9.1517, 6.2627, 1.8251

Tritanomaly

14.0958, 7.4009, 1.1758

Monochromacy



Original Color

14.1934, 7.2836, 2.1712

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.2066, 3.3961, 2.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1934, 7.2836, 2.1712 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, 0, 34)` looks like.

```
.text, #text, p{  
  color:rgb(157, 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(157, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 34) }
```

Border

The CSS property to change the border of an element to XYZ 14.1934, 7.2836, 2.1712 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, 0, 34) }
```


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

```
.border{ border-color:rgb(157, 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(157, 0, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(157, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1934, 7.2836, 2.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 34) }
```

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

```
.background{ background-color: rgb(157, 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](#).

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