

Converting Colors

XYZ(13.9532, 7.1551, 2.3746)

Have a look what the booklet for
XYZ(13.9532, 7.1551, 2.3746)
contains.

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Color

**XYZ(14.0442, 7.2015,
2.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0025
RGB	156, 0, 37
RGB Percent	61%, 0%, 15%
CMY	0.3882, 0.9999, 0.8549
CMYK	0.00, 1.00, 0.76, 0.39
HSL	346°, 100%, 31%
HSV	346°, 100%, 61%
XYZ	14.0442, 7.2015, 2.4001
YIQ	50.8620, 81.0990, 44.5790

Conversions

Conversions Part 2

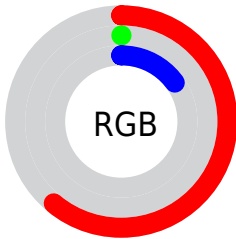
Format	Color
RYB	156, 0, 37
Decimal	10223653
CIELab	32.26, 56.31, 27.13
CIElCh	32, 62.508, 25.725
Yxy	7.2015, 0.5939, 0.3046
Android (android.graphics.Color)	4288413733 (0xFF9C0025)
YUV	50.8620, -6.8340, 92.2060
Hunter-Lab	26.8356, 46.4542, 13.4822

Details

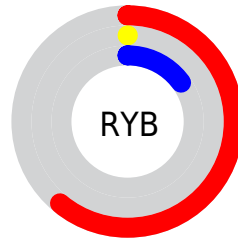
The XYZ color **14.0442, 7.2015, 2.4001** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.2198, 25.1093, 21.5046**, and the grayscale version is **3.1332, 3.2964, 3.5898**.

A 20% lighter version of the original color is **32.8852, 20.4122, 10.1893**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.0438, 7.2013, 2.3985**, and if you desaturate by 10%, it is **14.4423, 7.6483, 3.6100**.

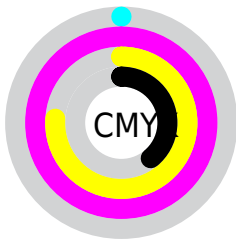
Distribution



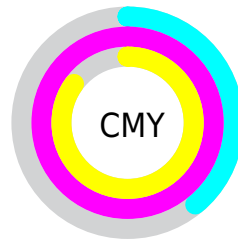
- Red (61%)
- Green (0%)
- Blue (15%)



- Red (61%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0442, 7.2015, 2.4001 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 14.0442, 7.2015, 2.4001 by changing the saturation by 10% instead.

 14.0442, 7.2015,
2.4001


 14.0442, 7.2015,
2.4001


211.0107,
169.3277, 128.3092


 8.2333, 3.5884,
0.7865


 32.7530, 20.3774,
10.1083


 4.2977, 1.4461,
0.0000

 46.3817, 30.7091,
17.0507

 1.8719, 0.2503,
0.0000

 63.3470, 44.0491,
26.6100

 0.5604, 0.0000,
0.0000


 84.0144, 60.7818,
39.2048


 0.0000, 0.0000,
0.0000


 108.7490, 81.2916,
55.2536


 137.9164,


105.9629, 75.1749


 171.8819,
135.1801, 99.3872


 14.0442, 7.2015,
2.4001


 14.0442, 7.2015,
2.4001

 14.0438, 7.2013,
2.3985

 14.4423, 7.6483,
3.6100

 15.0431, 8.3944,
5.2147

 15.9125, 9.5640,
7.2597

 17.0801, 11.2091,
9.7762

 18.5711, 13.3740,
12.7923

■ 20.4082, 16.0981,
16.3339

■ 22.6119, 19.4167,
20.4250

■ 25.2011, 23.3624,
25.0880

■ 28.1933, 27.9654,
30.3441

Harmonies

Analogous

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



15.0260, 7.2015, 9.2337



14.0442, 7.2015, 2.4001



10.9410, 7.2015, 0.2775

Triad

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



14.0442, 7.2015, 2.4001



2.9073, 7.2015, 1.5058



6.3951, 7.2015, 41.9614

Complementary

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



14.0442, 7.2015, 2.4001



15.2198, 25.1093, 21.5046

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.



3.9247, 7.2015, 33.3845



14.0442, 7.2015, 2.4001



2.3513, 7.2015, 6.5963

Square

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



14.0442, 7.2015, 2.4001



4.5007, 7.2015, 0.0000



2.6550, 7.2015, 18.2844



9.8876, 7.2015, 36.9658

Rectangle

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



14.0442, 7.2015, 2.4001



8.4818, 7.2015, 0.0000



2.6550, 7.2015, 18.2844



5.4333, 7.2015, 40.4607

Sweetspot

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



14.0444, 7.2020, 2.4002



40.8065, 34.8672, 36.6157



13.3378, 6.1831, 31.9426



8.6214, 7.1318, 7.3981



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.



14.0444, 7.2020, 2.4002



25.4428, 13.0538, 4.0141



14.4364, 8.5201, 0.8844



6.6943, 6.6706, 7.2414



11.5797, 5.9364, 2.0378



0.2218, 0.1120, 0.1141

Inverse Universe

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



14.0444, 7.2020, 2.4002



25.4428, 13.0538, 4.0141



12.3629, 15.1243, 33.7198



6.6943, 6.6706, 7.2414



11.5797, 5.9364, 2.0378



0.2218, 0.1120, 0.1141

Previews

White Background



This preview shows how the XYZ color 14.0442, 7.2015, 2.4001 looks on a white background.

Color Contrast Check

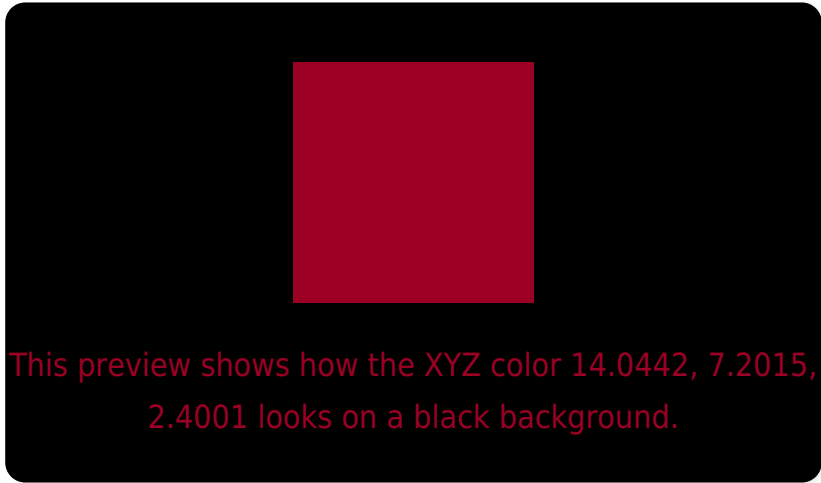
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0442, 7.2015, 2.4001

Background



This preview shows how black text looks on a background with the XYZ color 14.0442, 7.2015, 2.4001.



This preview shows how white text looks on a background with the XYZ color 14.0442, 7.2015,

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

14.0442, 7.2015, 2.4001

Protanopia

7.2561, 7.8088, 4.8662

Deuteranopia

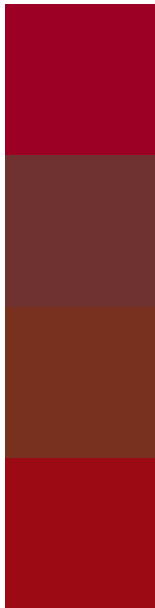
7.8713, 7.7686, 2.1832



Tritanopia

13.9304, 7.4293, 0.9582

Trichromacy



Original Color

14.0442, 7.2015, 2.4001

Protanomaly

8.2505, 5.8825, 3.6063

Deuteranomaly

9.0500, 6.2059, 2.0172

Tritanomaly

13.9364, 7.3320, 1.2968

Monochromacy



Original Color

14.0442, 7.2015, 2.4001

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.1295, 3.3541, 2.9618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0442, 7.2015, 2.4001 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(156, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 37)  
}
```

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(156, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 37) }
```

Border

The CSS property to change the border of an element to XYZ 14.0442, 7.2015, 2.4001 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(156, 0, 37) }
```


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

```
.border{ border-color:rgb(156, 0, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 0, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 37)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0442, 7.2015, 2.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 37) }
```

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

```
.background{ background-color: rgb(156, 0,  
37) }
```

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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