

Converting Colors

XYZ(14.2399, 7.2697, 3.8840)

Have a look what the booklet for
XYZ(14.2399, 7.2697, 3.8840)
contains.

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Color

**XYZ(14.3301, 7.3159,
3.9056)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0034
RGB	156, 0, 52
RGB Percent	61%, 0%, 20%
CMY	0.3882, 0.9999, 0.7961
CMYK	0.00, 1.00, 0.67, 0.39
HSL	340°, 100%, 31%
HSV	340°, 100%, 61%
XYZ	14.3301, 7.3159, 3.9056
YIQ	52.5720, 76.2840, 49.2440

Conversions

Conversions Part 2

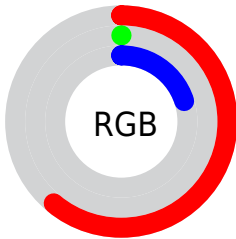
Format	Color
R_{YB}	156, 0, 52
Decimal	10223668
CIE _{Lab}	32.52, 57.00, 17.69
CIE _{LCh}	33, 59.681, 17.241
Yxy	7.3159, 0.5608, 0.2863
Android (android.graphics.Color)	4288413748 (0xFF9C0034)
YUV	52.5720, -0.2820, 90.7064
Hunter-Lab	27.0479, 47.2362, 10.3723

Details

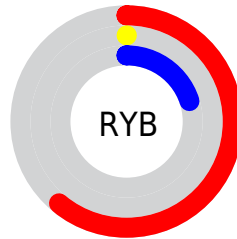
The XYZ color **14.3301, 7.3159, 3.9056** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.3887, 24.7769, 17.1277**, and the grayscale version is **3.3279, 3.5012, 3.8128**.

A 20% lighter version of the original color is **33.3360, 20.6657, 13.7872**, and **4.9736, 2.5589, 0.4615** is the 20% darker color. If you saturate the color by 10%, you get **14.3296, 7.3156, 3.9035**, and if you desaturate by 10%, it is **14.7705, 7.7797, 5.3386**.

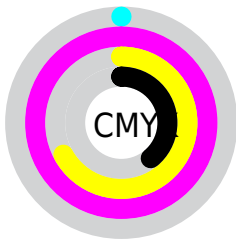
Distribution



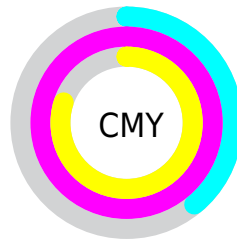
- Red (61%)
- Green (0%)
- Blue (20%)



- Red (61%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3301, 7.3159, 3.9056 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 14.3301, 7.3159, 3.9056 by changing the saturation by 10% instead.


 14.3301, 7.3159,
3.9056


 14.3301, 7.3159,
3.9056


212.7446,
170.2634, 147.1703


 8.4338, 3.6604,
1.5737


 33.2550, 20.6060,
13.7915


 4.4279, 1.4855,
0.2719


 47.0144, 31.0093,
22.1825

 1.9470, 0.2785,
0.0000

 64.1255, 44.4308,
33.4303

 0.6039, 0.0000,
0.0000

 84.9537, 61.2548,
47.9535

 0.0000, 0.0000,
0.0000

 109.8643, 81.8656,
66.1705

 139.2228,

106.6477, 88.5000

173.3944,
135.9855, 115.3604

14.3301, 7.3159,
3.9056

14.3301, 7.3159,
3.9056

14.3296, 7.3156,
3.9035

14.7705, 7.7797,
5.3386

15.4022, 8.5381,
7.1054

16.2890, 9.7147,
9.2418

17.4588, 11.3608,
11.7701

18.9355, 13.5200,
14.7106

■ 20.7404, 16.2312,
18.0821

■ 22.8926, 19.5293,
21.9021

■ 25.4100, 23.4464,
26.1870

■ 28.3091, 28.0122,
30.9524

Harmonies

Analogous

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



14.5261, 7.3159, 12.3559



14.3301, 7.3159, 3.9056



11.8292, 7.3159, 0.8559

Triad

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



14.3301, 7.3159, 3.9056



3.4344, 7.3159, 1.0919



5.7198, 7.3159, 38.8506

Complementary

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



14.3301, 7.3159, 3.9056



14.3887, 24.7769, 17.1277

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.



3.6442, 7.3159, 28.1871



14.3301, 7.3159, 3.9056



2.6133, 7.3159, 4.7624

Square

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



14.3301, 7.3159, 3.9056



5.3341, 7.3159, 0.0000



2.6766, 7.3159, 14.1632



8.8715, 7.3159, 37.8666

Rectangle

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



14.3301, 7.3159, 3.9056



9.5203, 7.3159, 0.0718



2.6766, 7.3159, 14.1632



4.8953, 7.3159, 36.3014

Sweetspot

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



14.3303, 7.3164, 3.9057



41.3225, 35.0736, 39.3330



11.7109, 5.3444, 31.8665



8.7437, 7.1807, 8.0422



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.



14.3303, 7.3164, 3.9057



25.9445, 13.2544, 6.6561



14.0802, 7.8077, 0.7657



6.7197, 6.6808, 7.3750



11.8180, 6.0318, 3.2928



0.2299, 0.1153, 0.1565

Inverse Universe

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



14.3303, 7.3164, 3.9057



25.9445, 13.2544, 6.6561



13.9842, 18.3667, 34.2602



6.7197, 6.6808, 7.3750



11.8180, 6.0318, 3.2928



0.2299, 0.1153, 0.1565

Previews

White Background



This preview shows how the XYZ color 14.3301, 7.3159, 3.9056 looks on a white background.

Color Contrast Check

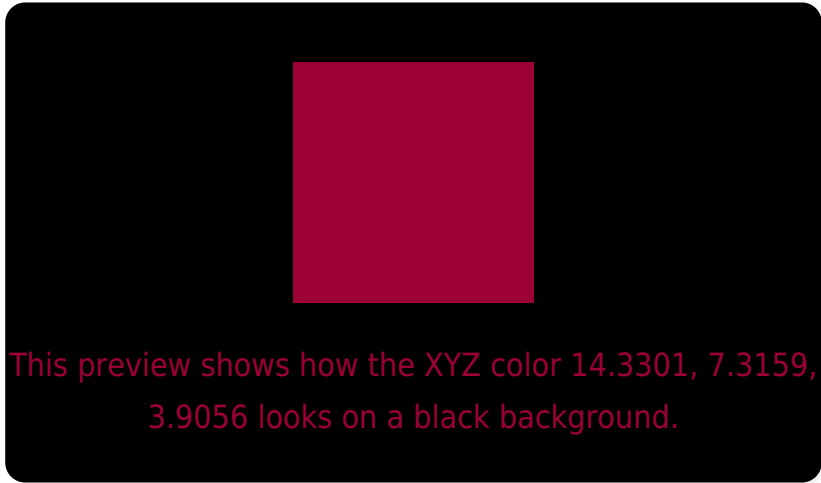
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3301, 7.3159, 3.9056

Background



This preview shows how black text looks on a background with the XYZ color 14.3301, 7.3159, 3.9056.



This preview shows how white text looks on a background with the XYZ color 14.3301, 7.3159,

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

14.3301, 7.3159, 3.9056

Protanopia

7.6152, 7.9216, 8.1488

Deuteranopia

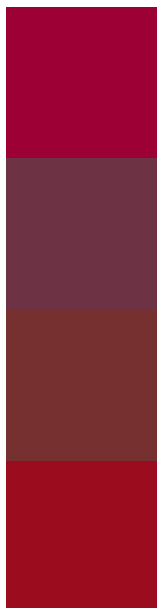
7.9879, 7.8997, 3.5864



Tritanopia

13.8949, 7.5486, 1.2969

Trichromacy



Original Color

14.3301, 7.3159, 3.9056

Protanomaly

8.4907, 5.9498, 6.1698

Deuteranomaly

9.0617, 6.1789, 3.5113

Tritanomaly

13.8958, 7.3501, 1.9146

Monochromacy



Original Color

14.3301, 7.3159, 3.9056

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.4311, 3.5748, 3.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3301, 7.3159, 3.9056 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 52) }
```

Border

The CSS property to change the border of an element to XYZ 14.3301, 7.3159, 3.9056 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, 52) }
```


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

```
.border{ border-color:rgb(156, 0, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 52)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3301, 7.3159, 3.9056 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, 52) }
```

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

```
.background{ background-color: rgb(156, 0,  
52) }
```

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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