

Converting Colors

XYZ(14.8681, 7.5210, 7.1919)

Have a look what the booklet for
XYZ(14.8681, 7.5210, 7.1919)
contains.

XYZ(14.9463, 7.5623, 7.1505)	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(14.9463, 7.5623,
7.1505)**

Conversions

Conversions Part 1

Format	Color
Hex	9C004A
RGB	156, 0, 74
RGB Percent	61%, 0%, 29%
CMY	0.3882, 0.9999, 0.7098
CMYK	0.00, 1.00, 0.53, 0.39
HSL	332°, 100%, 31%
HSV	332°, 100%, 61%
XYZ	14.9463, 7.5623, 7.1505
YIQ	55.0800, 69.2220, 56.0860

Conversions

Conversions Part 2

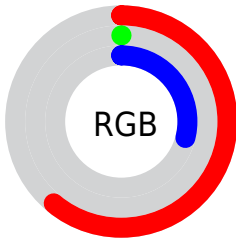
Format	Color
R_{YB}	156, 0, 74
Decimal	10223690
CIE _{Lab}	33.05, 58.44, 3.89
CIE _{LCh}	33, 58.567, 3.804
Yxy	7.5623, 0.5039, 0.2550
Android (android.graphics.Color)	4288413770 (0xFF9C004A)
YUV	55.0800, 9.3276, 88.5068
Hunter-Lab	27.4996, 48.8920, 3.8331

Details

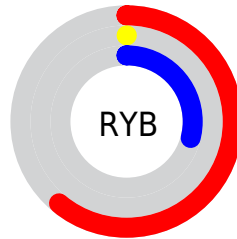
The XYZ color **14.9463, 7.5623, 7.1505** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.4124, 24.3864, 11.9868**, and the grayscale version is **3.6253, 3.8141, 4.1536**.

A 20% lighter version of the original color is **34.4162, 21.1730, 20.6852**, and **5.2843, 2.6956, 1.5381** is the 20% darker color. If you saturate the color by 10%, you get **14.9459, 7.5621, 7.1486**, and if you desaturate by 10%, it is **15.4206, 8.0396, 8.7619**.

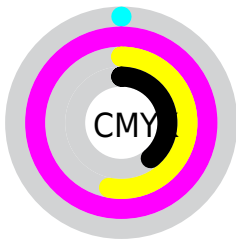
Distribution



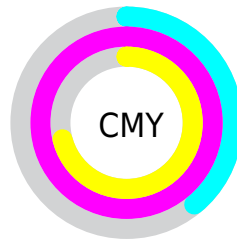
- Red (61%)
- Green (0%)
- Blue (29%)



- Red (61%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9463, 7.5623, 7.1505 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 14.9463, 7.5623, 7.1505 by changing the saturation by 10% instead.


 14.9463, 7.5623,
7.1505


 14.9463, 7.5623,
7.1505


216.4358,
172.2575, 178.5866


 8.8678, 3.8162,
3.4765


 34.3314, 21.0958,
20.7933


 4.7115, 1.5713,
1.3428

 48.3686, 31.6519,
31.5993


 2.1120, 0.3381,
0.0965

 65.7895, 45.2469,
45.6197

 0.6957, 0.0000,
0.0000


 86.9594, 62.2651,
63.2730


 0.0000, 0.0000,
0.0000


 112.2436, 83.0908,
84.9778


 142.0075,

108.1085, 111.1526

 176.6164,
137.7026, 142.2160

 14.9463, 7.5623,
7.1505


 14.9463, 7.5623,
7.1505


 14.9459, 7.5621,
7.1486

 15.4206, 8.0396,
8.7619

 16.0686, 8.8045,
10.6154

 16.9528, 9.9799,
12.7380

 18.0994, 11.6165,
15.1443

 19.5309, 13.7576,
17.8474

■ 21.2674, 16.4412,
20.8593

■ 23.3269, 19.7021,
24.1913

■ 25.7260, 23.5717,
27.8538

■ 28.4801, 28.0793,
31.8568

Harmonies

Analogous

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



13.9895, 7.5623, 18.3287



14.9463, 7.5623, 7.1505



13.3808, 7.5623, 1.9128

Triad

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



14.9463, 7.5623, 7.1505



4.3505, 7.5623, 0.5819



4.8603, 7.5623, 35.0952

Complementary

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



14.9463, 7.5623, 7.1505



13.4124, 24.3864, 11.9868

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.



3.2793, 7.5623, 21.8883



14.9463, 7.5623, 7.1505



3.0500, 7.5623, 2.7560

Square

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



14.9463, 7.5623, 7.1505



6.7987, 7.5623, 0.0000



2.7235, 7.5623, 9.4219



7.5913, 7.5623, 39.8115

Rectangle

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



14.9463, 7.5623, 7.1505



11.3234, 7.5623, 0.6800



2.7235, 7.5623, 9.4219



4.2060, 7.5623, 31.1898

Sweetspot

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



14.9465, 7.5628, 7.1506



42.1241, 35.3942, 43.5541



9.3610, 4.1329, 31.7567



8.9355, 7.2574, 9.0521



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.



14.9465, 7.5628, 7.1506



27.0481, 13.6959, 12.4675



13.7388, 7.1248, 0.6517



6.7575, 6.6959, 7.5739



12.3282, 6.2359, 5.9794



0.2417, 0.1200, 0.2188

Inverse Universe

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



14.9465, 7.5628, 7.1506



27.0481, 13.6959, 12.4675



17.4578, 25.3140, 35.4183



6.7575, 6.6959, 7.5739



12.3282, 6.2359, 5.9794



0.2417, 0.1200, 0.2188

Previews

White Background



This preview shows how the XYZ color 14.9463, 7.5623, 7.1505 looks on a white background.

Color Contrast Check

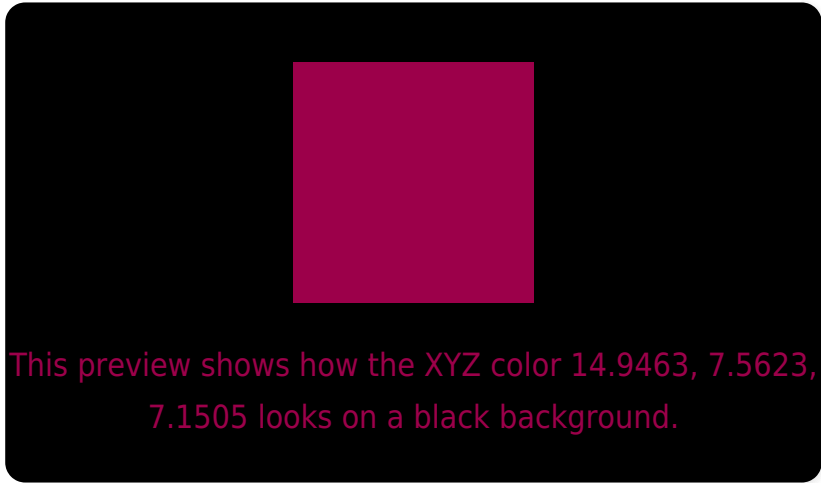
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9463, 7.5623, 7.1505

Background



This preview shows how black text looks on a background with the XYZ color 14.9463, 7.5623, 7.1505.



This preview shows how white text looks on a background with the XYZ color 14.9463, 7.5623,

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

14.9463, 7.5623, 7.1505

Protanopia

8.2702, 8.2153, 15.0598

Deuteranopia

8.2820, 8.1933, 6.6138



Tritanopia

13.9876, 7.8375, 1.9380

Trichromacy



Original Color

14.9463, 7.5623, 7.1505

Protanomaly

8.8429, 6.0774, 11.5335

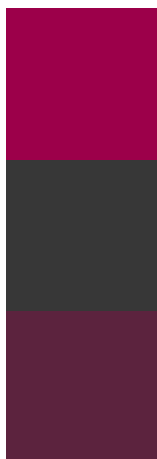
Deuteranomaly

9.4486, 6.4364, 6.5387

Tritanomaly

14.2075, 7.5906, 3.1989

Monochromacy



Original Color

14.9463, 7.5623, 7.1505

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8842, 3.8252, 4.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9463, 7.5623, 7.1505 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, 74)` looks like.

```
.text, #text, p{  
  color:rgb(156, 0, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.9463, 7.5623, 7.1505 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, 74) }
```


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

```
.border{ border-color:rgb(156, 0, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9463, 7.5623, 7.1505 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, 74) }
```

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

```
.background{ background-color: rgb(156, 0,  
74) }
```

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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