

Converting Colors

XYZ(14.9436, 7.6086, 4.9965)

Have a look what the booklet for
XYZ(14.9436, 7.6086, 4.9965)
contains.

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Color

**XYZ(14.9162, 7.5953,
4.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	9E003C
RGB	158, 0, 60
RGB Percent	62%, 0%, 24%
CMY	0.3804, 0.9999, 0.7647
CMYK	0.00, 1.00, 0.62, 0.38
HSL	337°, 100%, 31%
HSV	337°, 100%, 62%
XYZ	14.9162, 7.5953, 4.9548
YIQ	54.0820, 74.9080, 52.1560

Conversions

Conversions Part 2

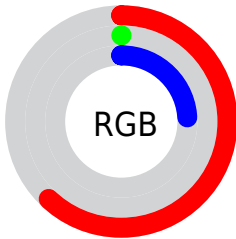
Format	Color
RYB	158, 0, 60
Decimal	10354748
CIELab	33.13, 57.95, 13.30
CIELCh	33, 59.455, 12.922
Yxy	7.5953, 0.5431, 0.2765
Android (android.graphics.Color)	4288544828 (0xFF9E003C)
YUV	54.0820, 2.9176, 91.1361
Hunter-Lab	27.5596, 48.3812, 8.6322

Details

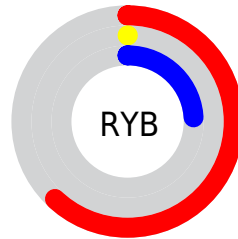
The XYZ color **14.9162, 7.5953, 4.9548** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.4326, 25.3361, 15.6897**, and the grayscale version is **3.5077, 3.6904, 4.0189**.

A 20% lighter version of the original color is **34.4517, 21.2905, 16.2036**, and **5.2631, 2.6997, 0.8598** is the 20% darker color. If you saturate the color by 10%, you get **14.9159, 7.5952, 4.9532**, and if you desaturate by 10%, it is **15.3824, 8.0740, 6.5092**.

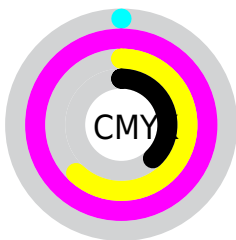
Distribution



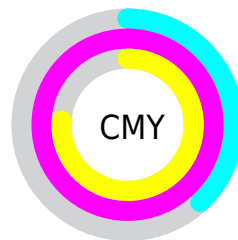
- Red (62%)
- Green (0%)
- Blue (24%)



- Red (62%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9162, 7.5953, 4.9548 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 14.9162, 7.5953, 4.9548 by changing the saturation by 10% instead.


 14.9162, 7.5953,
4.9548


 14.9162, 7.5953,
4.9548


216.2569,
172.5224, 158.3108


 8.8465, 3.8371,
2.1625


 34.2790, 21.1612,
16.1580


 4.6975, 1.5829,
0.6526

 48.3028, 31.7376,
25.4059


 2.1038, 0.3460,
0.0000

 65.7087, 45.3556,
37.6429

 0.6913, 0.0000,
0.0000

 86.8620, 62.3995,
53.2873

 0.0000, 0.0000,
0.0000

 112.1281, 83.2538,
72.7577

 141.8724,

108.3027, 96.4728

176.4602,
137.9308, 124.8510

14.9162, 7.5953,
4.9548

14.9162, 7.5953,
4.9548

14.9159, 7.5952,
4.9532

15.3824, 8.0740,
6.5092

16.0402, 8.8551,
8.3764

16.9541, 10.0639,
10.5892

18.1522, 11.7532,
13.1676

19.6586, 13.9681,
16.1297

■ 21.4947, 16.7483,
19.4919

■ 23.6800, 20.1296,
23.2700

■ 26.2323, 24.1451,
27.4784

■ 29.1682, 28.8252,
32.1310

Harmonies

Analogous

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



14.7318, 7.5953, 14.5113



14.9162, 7.5953, 4.9548



12.6505, 7.5953, 1.1760

Triad

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



14.9162, 7.5953, 4.9548



3.8193, 7.5953, 0.9490



5.5765, 7.5953, 38.5870

Complementary

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



14.9162, 7.5953, 4.9548



14.4326, 25.3361, 15.6897

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.



3.6189, 7.5953, 26.7031



14.9162, 7.5953, 4.9548



2.8268, 7.5953, 4.1374

Square

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



14.9162, 7.5953, 4.9548



5.9428, 7.5953, 0.0000



2.7662, 7.5953, 12.8079



8.6661, 7.5953, 39.5070

Rectangle

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



14.9162, 7.5953, 4.9548



10.3561, 7.5953, 0.2918



2.7662, 7.5953, 12.8079



4.7897, 7.5953, 35.4878

Sweetspot

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



14.9164, 7.5958, 4.9549



42.7469, 36.1562, 41.8260



11.1486, 5.0347, 32.7320



9.2677, 7.5771, 8.7984



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.



14.9164, 7.5958, 4.9549



26.9969, 13.7568, 8.5196



14.3243, 7.7165, 0.7350



6.7320, 6.6857, 7.4401



11.9641, 6.0902, 4.0618



0.2337, 0.1168, 0.1770

Inverse Universe

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



14.9164, 7.5958, 4.9549



26.9969, 13.7568, 8.5196



15.4870, 21.0992, 35.6041



6.7320, 6.6857, 7.4401



11.9641, 6.0902, 4.0618



0.2337, 0.1168, 0.1770

Previews

White Background



This preview shows how the XYZ color 14.9162, 7.5953, 4.9548 looks on a white background.

Color Contrast Check

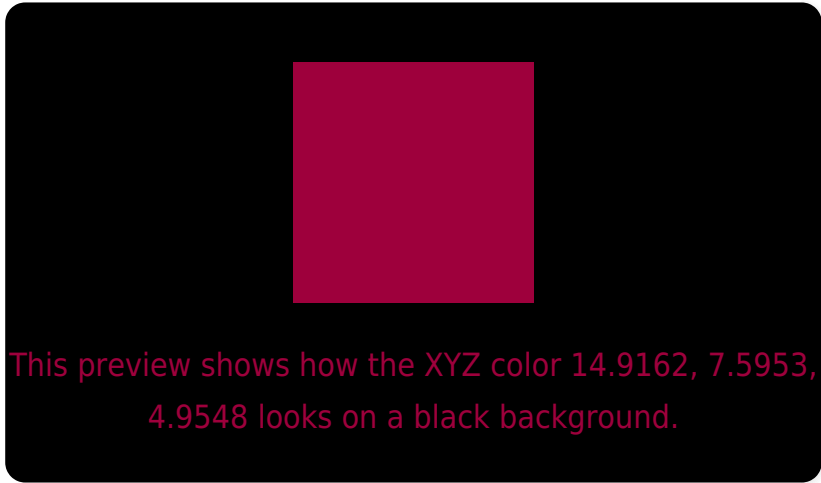
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9162, 7.5953, 4.9548

Background



This preview shows how black text looks on a background with the XYZ color 14.9162, 7.5953, 4.9548.



This preview shows how white text looks on a background with the XYZ color 14.9162, 7.5953,

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

14.9162, 7.5953, 4.9548

Protanopia

8.0972, 8.3388, 10.4153

Deuteranopia

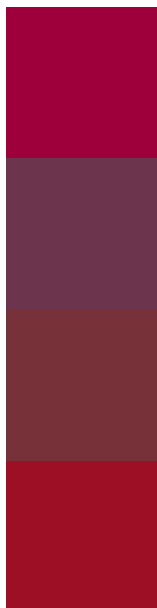
8.2262, 8.1062, 4.4992



Tritanopia

14.3761, 7.8793, 1.5222

Trichromacy



Original Color

14.9162, 7.5953, 4.9548

Protanomaly

8.9098, 6.2573, 7.9459

Deuteranomaly

9.4199, 6.4041, 4.4810

Tritanomaly

14.3939, 7.6371, 2.3845

Monochromacy



Original Color

14.9162, 7.5953, 4.9548

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6995, 3.7049, 4.1561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9162, 7.5953, 4.9548 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(158, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 60)  
}
```

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(158, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 60) }
```

Border

The CSS property to change the border of an element to XYZ 14.9162, 7.5953, 4.9548 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(158, 0, 60) }
```


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

```
.border{ border-color:rgb(158, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(158, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9162, 7.5953, 4.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 60) }
```

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

```
.background{ background-color: rgb(158, 0,  
60) }
```

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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