

Converting Colors

XYZ(14.2445, 6.3042, 4.9201)

Have a look what the booklet for
XYZ(14.2445, 6.3042, 4.9201)
contains.

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Color

**XYZ(14.9429, 7.6060,
5.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	9E003D
RGB	158, 0, 61
RGB Percent	62%, 0%, 24%
CMY	0.3804, 0.9999, 0.7608
CMYK	0.00, 1.00, 0.61, 0.38
HSL	337°, 100%, 31%
HSV	337°, 100%, 62%
XYZ	14.9429, 7.6060, 5.0954
YIQ	54.1960, 74.5870, 52.4670

Conversions

Conversions Part 2

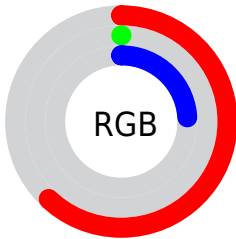
Format	Color
R_{YB}	158, 0, 61
Decimal	10354749
CIE _{Lab}	33.15, 58.01, 12.67
CIE _{LCh}	33, 59.378, 12.317
Yxy	7.6060, 0.5405, 0.2751
Android (android.graphics.Color)	4288544829 (0xFF9E003D)
YUV	54.1960, 3.3544, 91.0361
Hunter-Lab	27.5790, 48.4520, 8.3511

Details

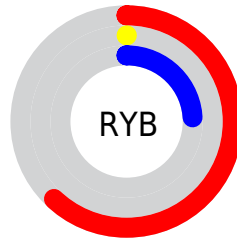
The XYZ color **14.9429, 7.6060, 5.0954** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.3857, 25.3173, 15.4427**, and the grayscale version is **3.5215, 3.7048, 4.0346**.

A 20% lighter version of the original color is **34.2047, 21.1570, 16.4683**, and **5.2719, 2.7032, 0.9057** is the 20% darker color. If you saturate the color by 10%, you get **14.9425, 7.6059, 5.0937**, and if you desaturate by 10%, it is **15.4110, 8.0855, 6.6595**.

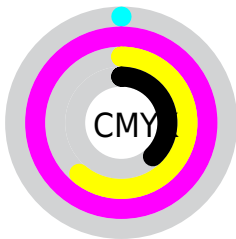
Distribution



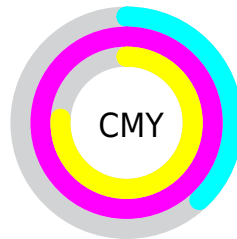
- Red (62%)
- Green (0%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (38%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9429, 7.6060, 5.0954 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 14.9429, 7.6060, 5.0954 by changing the saturation by 10% instead.


 14.9429, 7.6060,
5.0954


 14.9429, 7.6060,
5.0954


216.4156,
172.6082, 159.7175


 8.8654, 3.8439,
2.2436


 34.3255, 21.1823,
16.4662


 4.7099, 1.5866,
0.6994

 48.3612, 31.7654,
25.8224


 2.1111, 0.3486,
0.0000

 65.7804, 45.3908,
38.1837

 0.6952, 0.0000,
0.0000

 86.9484, 62.4431,
53.9688

 0.0000, 0.0000,
0.0000

 112.2306, 83.3065,
73.5962

 141.9922,

108.3656, 97.4844

176.5988,
138.0047, 126.0520

14.9429, 7.6060,
5.0954

14.9429, 7.6060,
5.0954

14.9425, 7.6059,
5.0937

15.4110, 8.0855,
6.6595

16.0698, 8.8670,
8.5322

16.9838, 10.0759,
10.7457

18.1811, 11.7649,
13.3198

19.6857, 13.9791,
16.2720

■ 21.5189, 16.7581,
19.6187

■ 23.7000, 20.1379,
23.3750

■ 26.2470, 24.1513,
27.5553

■ 29.1764, 28.8287,
32.1731

Harmonies

Analogous

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



14.7051, 7.6060, 14.7752



14.9429, 7.6060, 5.0954



12.7201, 7.6060, 1.2208

Triad

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



14.9429, 7.6060, 5.0954



3.8605, 7.6060, 0.9261



5.5356, 7.6060, 38.4060

Complementary

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



14.9429, 7.6060, 5.0954



14.3857, 25.3173, 15.4427

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.



3.6016, 7.6060, 26.4005



14.9429, 7.6060, 5.0954



2.8466, 7.6060, 4.0392

Square

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



14.9429, 7.6060, 5.0954



6.0085, 7.6060, 0.0000



2.7682, 7.6060, 12.5781



8.6051, 7.6060, 39.5912

Rectangle

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



14.9429, 7.6060, 5.0954



10.4371, 7.6060, 0.3196



2.7682, 7.6060, 12.5781



4.7569, 7.6060, 35.2426

Sweetspot

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



14.9431, 7.6065, 5.0955



42.7835, 36.1708, 42.0189



10.8712, 4.8917, 32.7190



9.2767, 7.5806, 8.8457



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.



14.9431, 7.6065, 5.0955



27.0445, 13.7758, 8.7704



14.2833, 7.6344, 0.7214



6.7337, 6.6864, 7.4490



11.9856, 6.0988, 4.1751



0.2343, 0.1170, 0.1798

Inverse Universe

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



14.9431, 7.6065, 5.0955



27.0445, 13.7758, 8.7704



15.8749, 21.8749, 35.7334



6.7337, 6.6864, 7.4490



11.9856, 6.0988, 4.1751



0.2343, 0.1170, 0.1798

Previews

White Background



This preview shows how the XYZ color 14.9429, 7.6060, 5.0954 looks on a white background.

Color Contrast Check

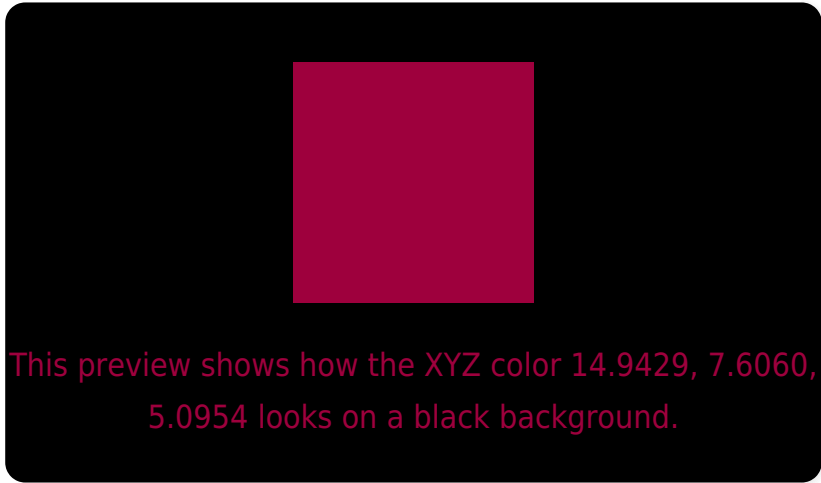
Large Text (above 18pt) WCAG AA ✓ Pass

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

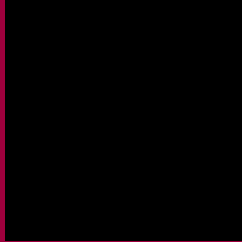
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9429, 7.6060, 5.0954

Background



This preview shows how black text looks on a background with the XYZ color 14.9429, 7.6060, 5.0954.



This preview shows how white text looks on a background with the XYZ color 14.9429, 7.6060,

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

14.9429, 7.6060, 5.0954

Protanopia

8.0539, 8.3116, 10.6310

Deuteranopia

8.3200, 8.2565, 4.6452



Tritanopia

14.3859, 7.8832, 1.5740

Trichromacy



Original Color

14.9429, 7.6060, 5.0954

Protanomaly

8.8236, 6.2086, 8.1305

Deuteranomaly

9.4869, 6.4986, 4.6252

Tritanomaly

14.4094, 7.6433, 2.4661

Monochromacy



Original Color

14.9429, 7.6060, 5.0954

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.7242, 3.7148, 4.2862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9429, 7.6060, 5.0954 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 61) }
```

Border

The CSS property to change the border of an element to XYZ 14.9429, 7.6060, 5.0954 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, 61) }
```


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

```
.border{ border-color:rgb(158, 0, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(158, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9429, 7.6060, 5.0954 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, 61) }
```

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

```
.background{ background-color: rgb(158, 0,  
61) }
```

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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