

Converting Colors

XYZ(14.5526, 7.4048, 5.0771)

Have a look what the booklet for
XYZ(14.5526, 7.4048, 5.0771)
contains.

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Color

**XYZ(14.5526, 7.4048,
5.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	9C003D
RGB	156, 0, 61
RGB Percent	61%, 0%, 24%
CMY	0.3882, 0.9999, 0.7608
CMYK	0.00, 1.00, 0.61, 0.39
HSL	337°, 100%, 31%
HSV	337°, 100%, 61%
XYZ	14.5526, 7.4048, 5.0771
YIQ	53.5980, 73.3950, 52.0430

Conversions

Conversions Part 2

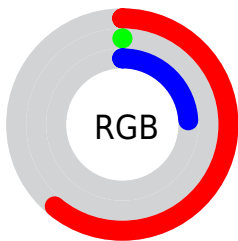
Format	Color
R_{YB}	156, 0, 61
Decimal	10223677
CIE Lab	32.71, 57.53, 12.00
CIE LCh	33, 58.764, 11.782
Yxy	7.4048, 0.5383, 0.2739
Android (android.graphics.Color)	4288413757 (0xFF9C003D)
YUV	53.5980, 3.6492, 89.8066
Hunter-Lab	27.2118, 47.8396, 7.9861

Details

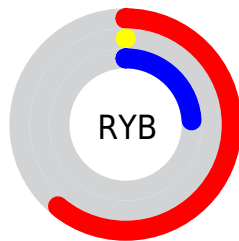
The XYZ color **14.5526, 7.4048, 5.0771** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.9551, 24.6036, 14.8447**, and the grayscale version is **3.4475, 3.6270, 3.9498**.

A 20% lighter version of the original color is **33.5418, 20.7138, 16.4177**, and **5.0560, 2.5919, 0.8956** is the 20% darker color. If you saturate the color by 10%, you get **14.5522, 7.4047, 5.0754**, and if you desaturate by 10%, it is **15.0114, 7.8759, 6.6066**.

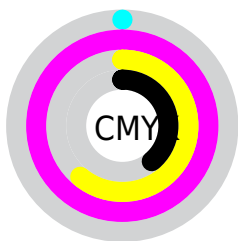
Distribution



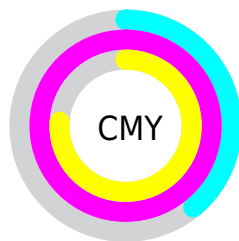
- Red (61%)
- Green (0%)
- Blue (24%)



- Red (61%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (39%)




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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5526, 7.4048, 5.0771 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 14.5526, 7.4048, 5.0771 by changing the saturation by 10% instead.


 14.5526, 7.4048,
5.0771


 14.5526, 7.4048,
5.0771


214.0845,
170.9861, 159.5354


 8.5903, 3.7165,
2.2330


 33.6445, 20.7830,
16.4262


 4.5299, 1.5163,
0.6933

 47.5048, 31.2418,
25.7684


 2.0060, 0.3001,
0.0000

 64.7284, 44.7262,
38.1136

 0.6374, 0.0000,
0.0000

 85.6808, 61.6206,
53.8805

 0.0000, 0.0000,
0.0000

 110.7272, 82.3094,
73.4876

 140.2331,

107.1770, 97.3534

174.5637,
136.6078, 125.8965

14.5526, 7.4048,
5.0771

14.5526, 7.4048,
5.0771

14.5522, 7.4047,
5.0754

15.0114, 7.8759,
6.6066

15.6541, 8.6386,
8.4322

16.5440, 9.8163,
10.5852

17.7082, 11.4599,
13.0842

19.1699, 13.6130,
15.9462

■ 20.9497, 16.3141,
19.1865

■ 23.0664, 19.5978,
22.8198

■ 25.5371, 23.4960,
26.8597

■ 28.3780, 28.0383,
31.3192

Harmonies

Analogous

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



14.2757, 7.4048, 14.5954



14.5526, 7.4048, 5.0771



12.4282, 7.4048, 1.2263

Triad

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



14.5526, 7.4048, 5.0771



3.7893, 7.4048, 0.8795



5.3475, 7.4048, 37.1894

Complementary

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



14.5526, 7.4048, 5.0771



13.9551, 24.6036, 14.8447

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.



3.4872, 7.4048, 25.4130



14.5526, 7.4048, 5.0771



2.7849, 7.4048, 3.8446

Square

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



14.5526, 7.4048, 5.0771



5.8991, 7.4048, 0.0000



2.6934, 7.4048, 12.0354



8.3149, 7.4048, 38.5688

Rectangle

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



14.5526, 7.4048, 5.0771



10.2182, 7.4048, 0.3229



2.6934, 7.4048, 12.0354



4.5974, 7.4048, 34.0590

Sweetspot

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



14.5528, 7.4053, 5.0772



41.6440, 35.2022, 41.0264



10.5769, 4.7597, 31.8136



8.8204, 7.2114, 8.4461



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.



14.5528, 7.4053, 5.0772



26.3407, 13.4129, 8.7423



13.8901, 7.4273, 0.7021



6.7351, 6.6869, 7.4560



12.0027, 6.1056, 4.2652



0.2347, 0.1172, 0.1820

Inverse Universe

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



14.5528, 7.4053, 5.0772



26.3407, 13.4129, 8.7423



15.4379, 21.2742, 34.7451



6.7351, 6.6869, 7.4560



12.0027, 6.1056, 4.2652



0.2347, 0.1172, 0.1820

Previews

White Background



This preview shows how the XYZ color 14.5526, 7.4048, 5.0771 looks on a white background.

Color Contrast Check

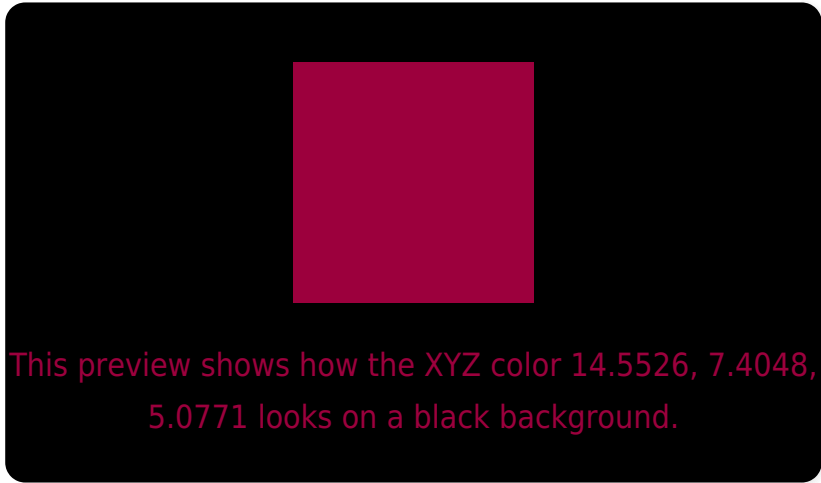
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5526, 7.4048, 5.0771

Background



This preview shows how black text looks on a background with the XYZ color 14.5526, 7.4048, 5.0771.



This preview shows how white text looks on a background with the XYZ color 14.5526, 7.4048,

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

14.5526, 7.4048, 5.0771

Protanopia

7.8963, 8.1209, 10.6025

Deuteranopia

8.1436, 8.0609, 4.6167



Tritanopia

13.9989, 7.6837, 1.5559

Trichromacy



Original Color

14.5526, 7.4048, 5.0771

Protanomaly

8.6585, 6.0580, 8.1101

Deuteranomaly

9.3080, 6.3436, 4.6047

Tritanomaly

14.0223, 7.4438, 2.4480

Monochromacy



Original Color

14.5526, 7.4048, 5.0771

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6249, 3.6636, 4.2816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5526, 7.4048, 5.0771 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 61) }
```

Border

The CSS property to change the border of an element to XYZ 14.5526, 7.4048, 5.0771 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, 61) }
```


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

```
.border{ border-color:rgb(156, 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(156, 0, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5526, 7.4048, 5.0771 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, 61) }
```

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

```
.background{ background-color: rgb(156, 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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