

Converting Colors

XYZ(15.0777, 7.7208, 3.0553)

Have a look what the booklet for
XYZ(15.0777, 7.7208, 3.0553)
contains.

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Color

**XYZ(15.1526, 7.7589,
3.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	A1002C
RGB	161, 0, 44
RGB Percent	63%, 0%, 17%
CMY	0.3686, 0.9999, 0.8274
CMYK	0.00, 1.00, 0.73, 0.37
HSL	344°, 100%, 32%
HSV	344°, 100%, 63%
XYZ	15.1526, 7.7589, 3.0819
YIQ	53.1550, 81.8320, 47.8160

Conversions

Conversions Part 2

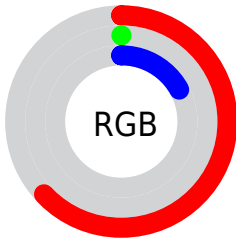
Format	Color
RYB	161, 0, 44
Decimal	10551340
CIELab	33.48, 57.86, 24.35
CIELCh	33, 62.773, 22.826
Yxy	7.7589, 0.5829, 0.2985
Android (android.graphics.Color)	4288741420 (0xFFA1002C)
YUV	53.1550, -4.5134, 94.5801
Hunter-Lab	27.8548, 48.3555, 12.9384

Details

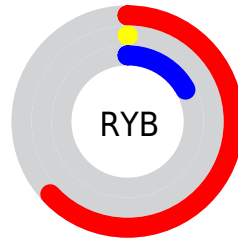
The XYZ color **15.1526, 7.7589, 3.0819** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.9573, 26.7747, 21.1633**, and the grayscale version is **3.4025, 3.5797, 3.8983**.

A 20% lighter version of the original color is **34.8190, 21.5781, 11.7810**, and **5.3668, 2.7667, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **15.1522, 7.7588, 3.0803**, and if you desaturate by 10%, it is **15.5916, 8.2339, 4.4708**.

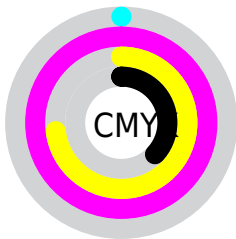
Distribution



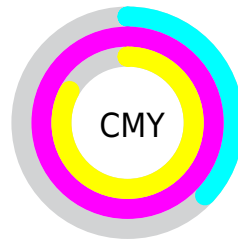
- Red (63%)
- Green (0%)
- Blue (17%)



- Red (63%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (37%)





- Cyan (37%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1526, 7.7589, 3.0819 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 15.1526, 7.7589, 3.0819 by changing the saturation by 10% instead.


 15.1526, 7.7589,
3.0819


 15.1526, 7.7589,
3.0819


217.6581,
173.8285, 137.3970


 9.0136, 3.9411,
1.1366


 34.6901, 21.4844,
11.8299


 4.8072, 1.6406,
0.0000

 48.8193, 32.1609,
19.4696


 2.1682, 0.3848,
0.0000

 66.3426, 45.8924,
29.8446

 0.7259, 0.0000,
0.0000


 87.6254, 63.0632,
43.3734


 0.0000, 0.0000,
0.0000


 113.0330, 84.0579,
60.4745


 142.9307,


109.2607, 81.5664

 177.6840,
139.0561, 107.0677


 15.1526, 7.7589,
3.0819


 15.1526, 7.7589,
3.0819


 15.1522, 7.7588,
3.0803

 15.5916, 8.2339,
4.4708

 16.2457, 9.0322,
6.2611

 17.1832, 10.2835,
8.4965

 18.4352, 12.0437,
11.2069

 20.0285, 14.3606,
14.4192

■ 21.9870, 17.2765,
18.1582

■ 24.3323, 20.8296,
22.4468

■ 27.0843, 25.0546,
27.3067

■ 30.2614, 29.9842,
32.7583

Harmonies

Analogous

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



15.9066, 7.7589, 10.9980



15.1526, 7.7589, 3.0819



12.0510, 7.7589, 0.5382

Triad

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



15.1526, 7.7589, 3.0819



3.3075, 7.7589, 1.4469



6.5908, 7.7589, 43.7516

Complementary

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



15.1526, 7.7589, 3.0819



15.9573, 26.7747, 21.1633

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.



4.0980, 7.7589, 33.7258



15.1526, 7.7589, 3.0819



2.6166, 7.7589, 6.3264

Square

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



15.1526, 7.7589, 3.0819



5.1258, 7.7589, 0.0000



2.8535, 7.7589, 17.9452



10.2003, 7.7589, 39.9336

Rectangle

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



15.1526, 7.7589, 3.0819



9.4695, 7.7589, 0.0000



2.8535, 7.7589, 17.9452



5.6140, 7.7589, 41.7313

Sweetspot

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



15.1528, 7.7594, 3.0820



43.3152, 36.9045, 39.7295



13.5548, 6.2450, 34.2091



9.1213, 7.5185, 8.0277



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.



15.1528, 7.7594, 3.0820



27.0644, 13.8666, 5.1373



15.2961, 8.7733, 0.8879



7.1496, 7.1163, 7.7741



12.1169, 6.2028, 2.5402



0.2734, 0.1378, 0.1522

Inverse Universe

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



15.1528, 7.7594, 3.0820



27.0644, 13.8666, 5.1373



13.9097, 17.5261, 36.3679



7.1496, 7.1163, 7.7741



12.1169, 6.2028, 2.5402



0.2734, 0.1378, 0.1522

Previews

White Background



This preview shows how the XYZ color 15.1526, 7.7589, 3.0819 looks on a white background.

Color Contrast Check

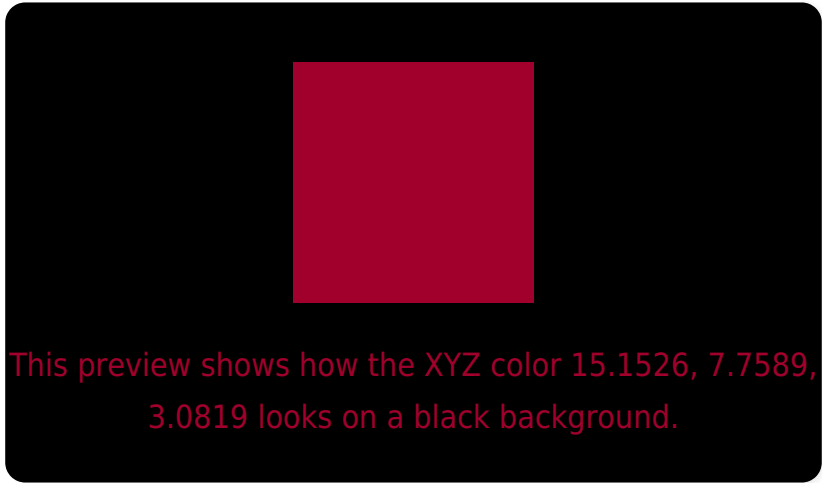
Large Text (above 18pt) WCAG AA ✓ Pass

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

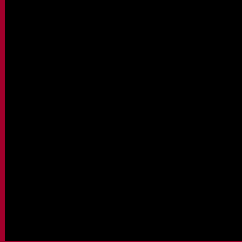
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1526, 7.7589, 3.0819

Background



This preview shows how black text looks on a background with the XYZ color 15.1526, 7.7589, 3.0819.



This preview shows how white text looks on a background with the XYZ color 15.1526, 7.7589,

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

15.1526, 7.7589, 3.0819

Protanopia

7.9311, 8.4542, 6.3681

Deuteranopia

8.5223, 8.4009, 2.8414



Tritanopia

14.7862, 7.9353, 1.1331

Trichromacy



Original Color

15.1526, 7.7589, 3.0819

Protanomaly

8.9311, 6.3389, 4.7558

Deuteranomaly

9.6752, 6.6386, 2.6909

Tritanomaly

14.7817, 7.7789, 1.5865

Monochromacy



Original Color

15.1526, 7.7589, 3.0819

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.5614, 3.6497, 3.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1526, 7.7589, 3.0819 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(161, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 44)  
}
```

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(161, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 44) }
```

Border

The CSS property to change the border of an element to XYZ 15.1526, 7.7589, 3.0819 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(161, 0, 44) }
```


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

```
.border{ border-color:rgb(161, 0, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 44);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 44)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1526, 7.7589, 3.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 44) }
```

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

```
.background{ background-color: rgb(161, 0,  
44) }
```

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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