

Converting Colors

XYZ(15.6309, 7.9421, 5.9684)

Have a look what the booklet for
XYZ(15.6309, 7.9421, 5.9684)
contains.

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Color

**XYZ(15.7111, 7.9823,
6.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	A10043
RGB	161, 0, 67
RGB Percent	63%, 0%, 26%
CMY	0.3686, 0.9999, 0.7373
CMYK	0.00, 1.00, 0.58, 0.37
HSL	335°, 100%, 32%
HSV	335°, 100%, 63%
XYZ	15.7111, 7.9823, 6.0229
YIQ	55.7770, 74.4490, 54.9690

Conversions

Conversions Part 2

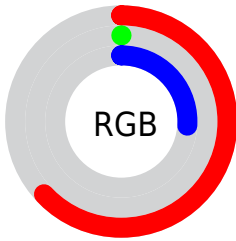
Format	Color
R_{YB}	161, 0, 67
Decimal	10551363
CIE _{Lab}	33.95, 59.12, 9.91
CIE _{LCh}	34, 59.946, 9.515
Yxy	7.9823, 0.5287, 0.2686
Android (android.graphics.Color)	4288741443 (0xFFA10043)
YUV	55.7770, 5.5329, 92.2806
Hunter-Lab	28.2530, 49.8188, 7.1378

Details

The XYZ color **15.7111, 7.9823, 6.0229** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.7665, 26.2984, 14.8925**, and the grayscale version is **3.7182, 3.9118, 4.2599**.

A 20% lighter version of the original color is **35.5672, 21.9177, 18.5756**, and **5.6550, 2.8950, 1.1804** is the 20% darker color. If you saturate the color by 10%, you get **15.7107, 7.9822, 6.0209**, and if you desaturate by 10%, it is **16.2035, 8.4787, 7.6934**.

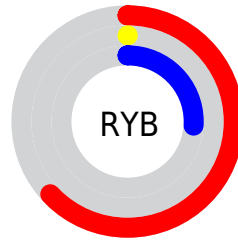
Distribution



Red (63%)

Green (0%)

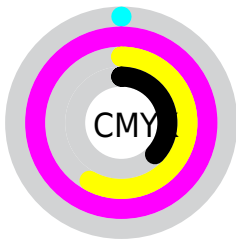
Blue (26%)



Red (63%)

Yellow (0%)

Blue (26%)

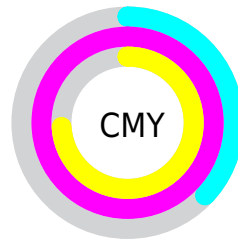


Cyan (0%)

Magenta (100%)

Yellow (58%)

Black (37%)



Cyan (37%)


Magenta (100%)


Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7111, 7.9823, 6.0229 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 15.7111, 7.9823, 6.0229 by changing the saturation by 10% instead.


 15.7111, 7.9823,
6.0229


 15.7111, 7.9823,
6.0229


220.9350,
175.5931, 168.5886


 9.4095, 4.0836,
2.7900


 35.6574, 21.9237,
18.4569


 5.0685, 1.7205,
0.9884

 50.0329, 32.7353,
28.4951


 2.3227, 0.4368,
0.0000

 67.8303, 46.6199,
41.6387

 0.8062, 0.0000,
0.0000

 89.4151, 63.9620,
58.3065

 0.0000, 0.0000,
0.0000

 115.1526, 85.1460,
78.9168

 145.4082,

110.5562, 103.8882

180.5472,
140.5771, 133.6393

15.7111, 7.9823,
6.0229

15.7111, 7.9823,
6.0229

15.7107, 7.9822,
6.0209

16.2035, 8.4787,
7.6934

16.8922, 9.2908,
9.6655

17.8429, 10.5473,
11.9706

19.0848, 12.3034,
14.6274

20.6426, 14.6062,
17.6528

■ 22.5385, 17.4970,
21.0624

■ 24.7925, 21.0135,
24.8705

■ 27.4230, 25.1900,
29.0908

■ 30.4471, 30.0583,
33.7363

Harmonies

Analogous

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



15.2072, 7.9823, 16.7165



15.7111, 7.9823, 6.0229



13.6017, 7.9823, 1.5025

Triad

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



15.7111, 7.9823, 6.0229



4.2266, 7.9823, 0.8587



5.5781, 7.9823, 39.1922

Complementary

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



15.7111, 7.9823, 6.0229



14.7665, 26.2984, 14.8925

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.



3.6727, 7.9823, 26.1111



15.7111, 7.9823, 6.0229



3.0639, 7.9823, 3.7611

Square

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



15.7111, 7.9823, 6.0229



6.5867, 7.9823, 0.0000



2.8958, 7.9823, 12.0504



8.6836, 7.9823, 41.6948

Rectangle

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



15.7111, 7.9823, 6.0229



11.2777, 7.9823, 0.4802



2.8958, 7.9823, 12.0504



4.8045, 7.9823, 35.5927

Sweetspot

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



15.7113, 7.9828, 6.0230



44.1505, 37.2386, 44.1277



11.0417, 4.9494, 34.0916



9.3198, 7.5979, 9.0726



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.



15.7113, 7.9828, 6.0230



28.0431, 14.2580, 10.2910



14.8476, 7.8762, 0.7383



7.1903, 7.1326, 7.9885



12.5671, 6.3829, 4.9109



0.2873, 0.1434, 0.2258

Inverse Universe

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



15.7113, 7.9828, 6.0230



28.0431, 14.2580, 10.2910



16.9582, 23.6232, 37.3841



7.1903, 7.1326, 7.9885



12.5671, 6.3829, 4.9109



0.2873, 0.1434, 0.2258

Previews

White Background



This preview shows how the XYZ color 15.7111, 7.9823, 6.0229 looks on a white background.

Color Contrast Check

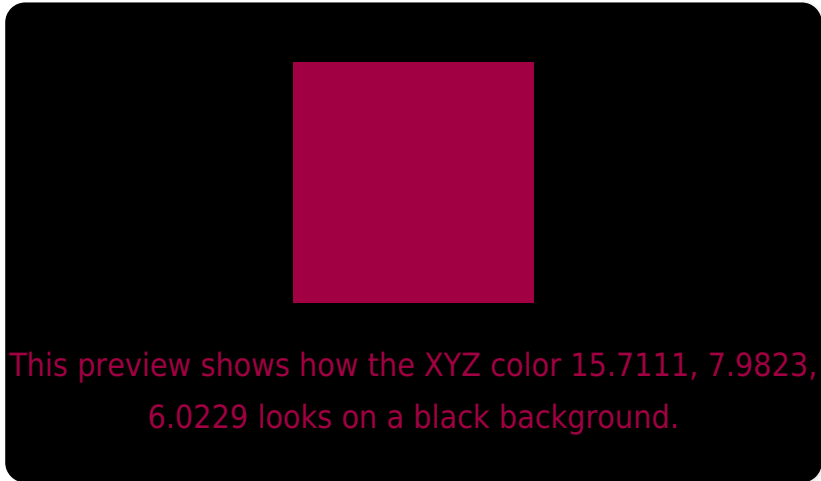
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7111, 7.9823, 6.0229

Background



This preview shows how black text looks on a background with the XYZ color 15.7111, 7.9823, 6.0229.



This preview shows how white text looks on a background with the XYZ color 15.7111, 7.9823,

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

15.7111, 7.9823, 6.0229

Protanopia

8.5302, 8.6219, 12.7699

Deuteranopia

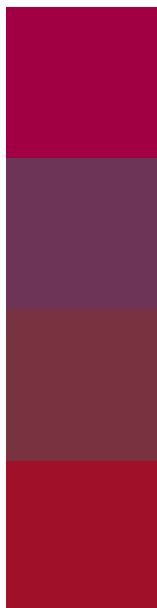
8.6486, 8.5149, 5.4627



Tritanopia

14.8765, 8.2294, 1.7816

Trichromacy



Original Color

15.7111, 7.9823, 6.0229

Protanomaly

9.2550, 6.3953, 9.7635

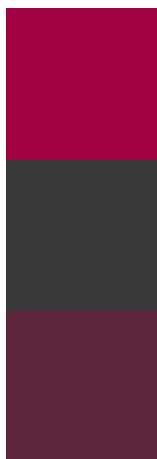
Deuteranomaly

9.9230, 6.7050, 5.4738

Tritanomaly

15.0979, 8.0346, 2.8529

Monochromacy



Original Color

15.7111, 7.9823, 6.0229

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.0626, 3.9677, 4.7213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7111, 7.9823, 6.0229 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.7111, 7.9823, 6.0229 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, 67) }
```


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

```
.border{ border-color:rgb(161, 0, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.7111, 7.9823, 6.0229 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, 67) }
```

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

```
.background{ background-color: rgb(161, 0,  
67) }
```

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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