

Converting Colors

XYZ(15.4617, 7.8826, 4.7096)

Have a look what the booklet for
XYZ(15.4617, 7.8826, 4.7096)
contains.

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Color

**XYZ(15.4617, 7.8826,
4.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	A1003A
RGB	161, 0, 58
RGB Percent	63%, 0%, 23%
CMY	0.3686, 0.9999, 0.7725
CMYK	0.00, 1.00, 0.64, 0.37
HSL	338°, 100%, 32%
HSV	338°, 100%, 63%
XYZ	15.4617, 7.8826, 4.7096
YIQ	54.7510, 77.3380, 52.1700

Conversions

Conversions Part 2

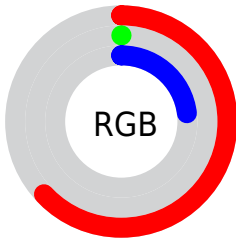
Format	Color
R_{YB}	161, 0, 58
Decimal	10551354
CIE _{Lab}	33.74, 58.56, 15.55
CIE _{LCh}	34, 60.590, 14.869
Yxy	7.8826, 0.5511, 0.2810
Android (android.graphics.Color)	4288741434 (0xFFA1003A)
YUV	54.7510, 1.6018, 93.1804
Hunter-Lab	28.0760, 49.1687, 9.7076

Details

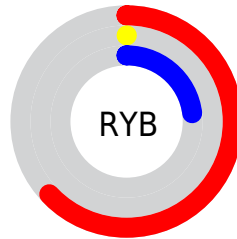
The XYZ color **15.4617, 7.8826, 4.7096** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.1946, 26.4696, 17.1469**, and the grayscale version is **3.5930, 3.7801, 4.1165**.

A 20% lighter version of the original color is **35.2584, 21.7184, 15.6983**, and **5.5730, 2.8622, 0.7489** is the 20% darker color. If you saturate the color by 10%, you get **15.4612, 7.8824, 4.7074**, and if you desaturate by 10%, it is **15.9377, 8.3724, 6.2933**.

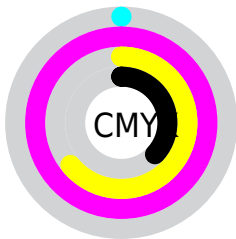
Distribution



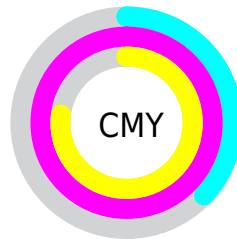
- Red (63%)
- Green (0%)
- Blue (23%)



- Red (63%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (37%)




- Cyan (37%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4617, 7.8826, 4.7096 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 15.4617, 7.8826, 4.7096 by changing the saturation by 10% instead.


 15.4617, 7.8826,
4.7096


 15.4617, 7.8826,
4.7096


219.4774,
174.8083, 155.8132


 9.2325, 4.0199,
2.0222


 35.2262, 21.7280,
15.6158


 4.9514, 1.6847,
0.5689

 49.4921, 32.4794,
24.6717


 2.2533, 0.4137,
0.0000

 67.1677, 46.2960,
36.6874

 0.7706, 0.0000,
0.0000

 88.6183, 63.5620,
52.0815

 0.0000, 0.0000,
0.0000

 114.2092, 84.6618,
71.2727

 144.3058,

109.9798, 94.6793

179.2734,
139.9005, 122.7200

15.4617, 7.8826,
4.7096

15.4617, 7.8826,
4.7096

15.4612, 7.8824,
4.7074

15.9377, 8.3724,
6.2933

16.6174, 9.1810,
8.2180

17.5674, 10.4374,
10.5191

18.8174, 12.1968,
13.2187

20.3930, 14.5068,
16.3372

■ 22.3167, 17.4089,
19.8929

■ 24.6092, 20.9409,
23.9033

■ 27.2893, 25.1373,
28.3846

■ 30.3747, 30.0302,
33.3523

Harmonies

Analogous

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



15.4495, 7.8826, 14.2612



15.4617, 7.8826, 4.7096



12.9562, 7.8826, 1.0827

Triad

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



15.4617, 7.8826, 4.7096



3.8448, 7.8826, 1.0680



5.9534, 7.8826, 40.8468

Complementary

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



15.4617, 7.8826, 4.7096



15.1946, 26.4696, 17.1469

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.



3.8317, 7.8826, 28.8785



15.4617, 7.8826, 4.7096



2.8809, 7.8826, 4.6560

Square

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



15.4617, 7.8826, 4.7096



5.9774, 7.8826, 0.0000



2.8769, 7.8826, 14.1489



9.2434, 7.8826, 40.9077

Rectangle

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



15.4617, 7.8826, 4.7096



10.5267, 7.8826, 0.2316



2.8769, 7.8826, 14.1489



5.1052, 7.8826, 37.8360

Sweetspot

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



15.4619, 7.8831, 4.7097



43.8167, 37.1051, 42.3701



11.9100, 5.3971, 34.1321



9.2402, 7.5661, 8.6536



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.



15.4619, 7.8831, 4.7097



27.6033, 14.0821, 7.9751



14.9753, 8.1316, 0.7810



7.1743, 7.1262, 7.9041



12.3665, 6.3027, 3.8548



0.2819, 0.1412, 0.1970

Inverse Universe

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



15.4619, 7.8831, 4.7097



27.6033, 14.0821, 7.9751



15.7438, 21.1944, 36.9792



7.1743, 7.1262, 7.9041



12.3665, 6.3027, 3.8548



0.2819, 0.1412, 0.1970

Previews

White Background



This preview shows how the XYZ color 15.4617, 7.8826, 4.7096 looks on a white background.

Color Contrast Check

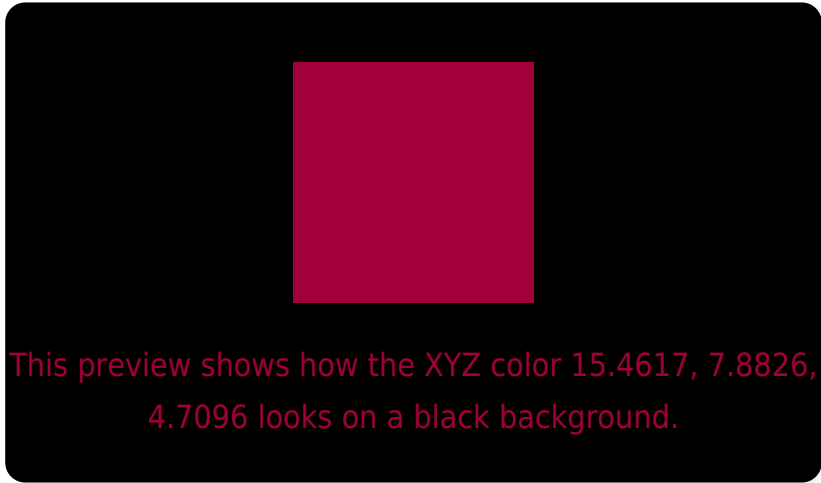
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4617, 7.8826, 4.7096

Background



This preview shows how black text looks on a background with the XYZ color 15.4617, 7.8826, 4.7096.



This preview shows how white text looks on a background with the XYZ color 15.4617, 7.8826,

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

15.4617, 7.8826, 4.7096

Protanopia

8.2243, 8.5295, 9.8072

Deuteranopia

8.6491, 8.5403, 4.3246



Tritanopia

14.9390, 8.1405, 1.4934

Trichromacy



Original Color

15.4617, 7.8826, 4.7096

Protanomaly

9.0535, 6.3435, 7.4039

Deuteranomaly

9.8325, 6.6851, 4.2622

Tritanomaly

14.9568, 7.9307, 2.2558

Monochromacy



Original Color

15.4617, 7.8826, 4.7096

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.9309, 3.8673, 4.1752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4617, 7.8826, 4.7096 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 58)  
}
```

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, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 58) }
```

Border

The CSS property to change the border of an element to XYZ 15.4617, 7.8826, 4.7096 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, 58) }
```


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

```
.border{ border-color:rgb(161, 0, 58) }
```

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, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4617, 7.8826, 4.7096 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, 58) }
```

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

```
.background{ background-color: rgb(161, 0,  
58) }
```

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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