

Converting Colors

XYZ(15.1377, 7.6862, 6.0188)

Have a look what the booklet for
XYZ(15.1377, 7.6862, 6.0188)
contains.

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Color

**XYZ(15.1137, 7.6743,
5.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0043
RGB	158, 0, 67
RGB Percent	62%, 0%, 26%
CMY	0.3804, 0.9999, 0.7373
CMYK	0.00, 1.00, 0.58, 0.38
HSL	335°, 100%, 31%
HSV	335°, 100%, 62%
XYZ	15.1137, 7.6743, 5.9949
YIQ	54.8800, 72.6610, 54.3330

Conversions

Conversions Part 2

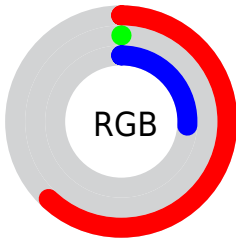
Format	Color
R_{YB}	158, 0, 67
Decimal	10354755
CIE _{Lab}	33.30, 58.40, 8.91
CIE _{LCh}	33, 59.078, 8.670
Yxy	7.6743, 0.5251, 0.2666
Android (android.graphics.Color)	4288544835 (0xFF9E0043)
YUV	54.8800, 5.9752, 90.4362
Hunter-Lab	27.7025, 48.9050, 6.5613

Details

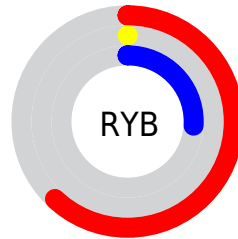
The XYZ color **15.1137, 7.6743, 5.9949** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.1162, 25.2095, 14.0237**, and the grayscale version is **3.6038, 3.7914, 4.1289**.

A 20% lighter version of the original color is **34.5924, 21.3121, 18.5101**, and **5.3211, 2.7228, 1.1648** is the 20% darker color. If you saturate the color by 10%, you get **15.1134, 7.6742, 5.9932**, and if you desaturate by 10%, it is **15.5912, 8.1576, 7.6088**.

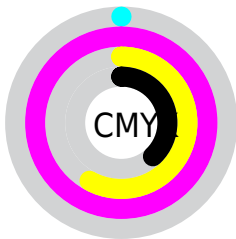
Distribution



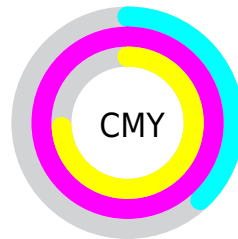
- Red (62%)
- Green (0%)
- Blue (26%)



- Red (62%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1137, 7.6743, 5.9949 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 15.1137, 7.6743, 5.9949 by changing the saturation by 10% instead.


 15.1137, 7.6743,
5.9949


 15.1137, 7.6743,
5.9949


217.4281,
173.1546, 168.3302


 8.9861, 3.8873,
2.7732


 34.6225, 21.3174,
18.3978


 4.7891, 1.6107,
0.9800

 48.7344, 31.9423,
28.4161


 2.1576, 0.3648,
0.0000

 66.2385, 45.6152,
41.5371

 0.7202, 0.0000,
0.0000


 87.5000, 62.7206,
58.1792


 0.0000, 0.0000,
0.0000


 112.8844, 83.6428,
78.7610


 142.7570,


108.7663, 103.7011

 177.4831,
138.4755, 133.4179


 15.1137, 7.6743,
5.9949


 15.1137, 7.6743,
5.9949


 15.1134, 7.6742,
5.9932

 15.5912, 8.1576,
7.6088

 16.2546, 8.9408,
9.5056

 17.1679, 10.1494,
11.7154

 18.3588, 11.8358,
14.2556

 19.8508, 14.0450,
17.1419

■ 21.6650, 16.8164,
20.3888

■ 23.8205, 20.1858,
24.0098

■ 26.3346, 24.1860,
28.0175

■ 29.2238, 28.8474,
32.4239

Harmonies

Analogous

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



14.5563, 7.6743, 16.4317



15.1137, 7.6743, 5.9949



13.1504, 7.6743, 1.5125

Triad

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



15.1137, 7.6743, 5.9949



4.1147, 7.6743, 0.7886



5.2974, 7.6743, 37.3655

Complementary

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



15.1137, 7.6743, 5.9949



14.1162, 25.2095, 14.0237

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.



3.5004, 7.6743, 24.6572



15.1137, 7.6743, 5.9949



2.9678, 7.6743, 3.4853

Square

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



15.1137, 7.6743, 5.9949



6.4149, 7.6743, 0.0000



2.7812, 7.6743, 11.2676



8.2504, 7.6743, 40.1302

Rectangle

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



15.1137, 7.6743, 5.9949



10.9372, 7.6743, 0.4853



2.7812, 7.6743, 11.2676



4.5659, 7.6743, 33.8269

Sweetspot

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



15.1139, 7.6748, 5.9950



43.0057, 36.2597, 43.1889



10.3438, 4.6198, 32.6943



9.3312, 7.6025, 9.1329



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.



15.1139, 7.6748, 5.9950



27.3504, 13.8982, 10.3813



14.2152, 7.4983, 0.6986



6.7439, 6.6905, 7.5026



12.1232, 6.1538, 4.8997



0.2375, 0.1183, 0.1966

Inverse Universe

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



15.1139, 7.6748, 5.9950



27.3504, 13.8982, 10.3813



16.6784, 23.4820, 36.0012



6.7439, 6.6905, 7.5026



12.1232, 6.1538, 4.8997



0.2375, 0.1183, 0.1966

Previews

White Background



This preview shows how the XYZ color 15.1137, 7.6743, 5.9949 looks on a white background.

Color Contrast Check

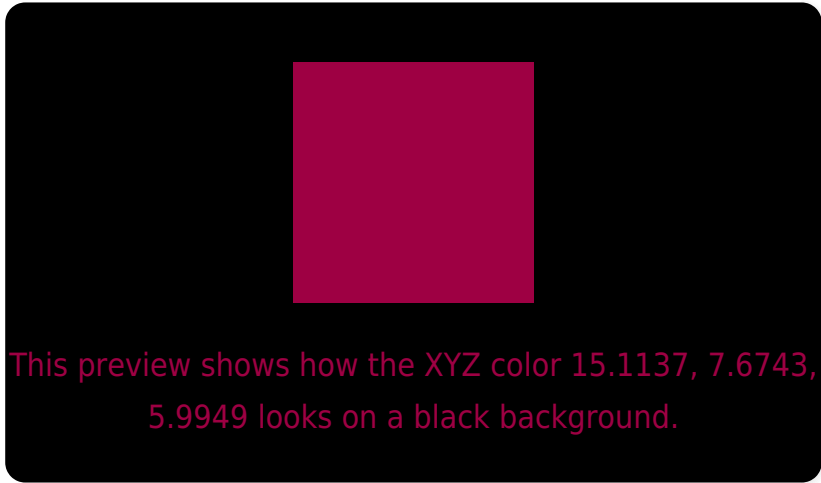
Large Text (above 18pt) WCAG AA ✓ Pass

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

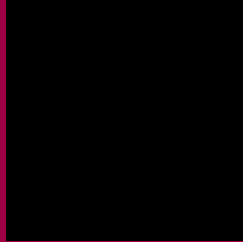
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1137, 7.6743, 5.9949

Background



This preview shows how black text looks on a background with the XYZ color 15.1137, 7.6743, 5.9949.



This preview shows how white text looks on a background with the XYZ color 15.1137, 7.6743,

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

15.1137, 7.6743, 5.9949

Protanopia

8.2420, 8.3676, 12.4900

Deuteranopia

8.3639, 8.2618, 5.4288



Tritanopia

14.2887, 7.9264, 1.7541

Trichromacy



Original Color

15.1137, 7.6743, 5.9949

Protanomaly

8.9711, 6.2537, 9.5383

Deuteranomaly

9.6456, 6.5620, 5.4608

Tritanomaly

14.5053, 7.7291, 2.8252

Monochromacy



Original Color

15.1137, 7.6743, 5.9949

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8041, 3.7931, 4.5639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1137, 7.6743, 5.9949 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.1137, 7.6743, 5.9949 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, 67) }
```


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

```
.border{ border-color:rgb(158, 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(158, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(158, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1137, 7.6743, 5.9949 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, 67) }
```

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

```
.background{ background-color: rgb(158, 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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