

Converting Colors

XYZ(15.3542, 7.7154, 9.7521)

Have a look what the booklet for
XYZ(15.3542, 7.7154, 9.7521)
contains.

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Color

**XYZ(15.4306, 7.7560,
9.7006)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0057
RGB	156, 0, 87
RGB Percent	61%, 0%, 34%
CMY	0.3882, 0.9999, 0.6588
CMYK	0.00, 1.00, 0.44, 0.39
HSL	327°, 100%, 31%
HSV	327°, 100%, 61%
XYZ	15.4306, 7.7560, 9.7006
YIQ	56.5620, 65.0490, 60.1290

Conversions

Conversions Part 2

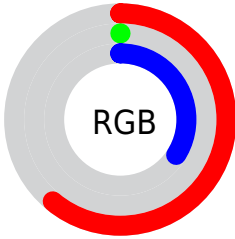
Format	Color
R_{YB}	156, 0, 87
Decimal	10223703
CIE _{Lab}	33.47, 59.53, -4.03
CIE _{LCh}	33, 59.669, 356.124
Yxy	7.7560, 0.4692, 0.2358
Android (android.graphics.Color)	4288413783 (0xFF9C0057)
YUV	56.5620, 15.0059, 87.2071
Hunter-Lab	27.8496, 50.1645, -1.1572

Details

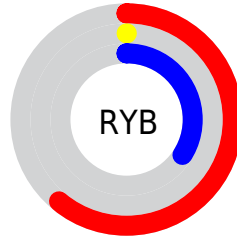
The XYZ color **15.4306, 7.7560, 9.7006** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.9635, 24.2070, 9.6224**, and the grayscale version is **3.8082, 4.0065, 4.3631**.

A 20% lighter version of the original color is **35.1241, 21.4221, 25.9505**, and **5.5635, 2.8198, 2.4415** is the 20% darker color. If you saturate the color by 10%, you get **15.4303, 7.7559, 9.6989**, and if you desaturate by 10%, it is **15.9059, 8.2337, 11.3173**.

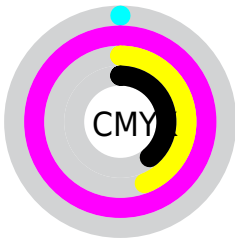
Distribution



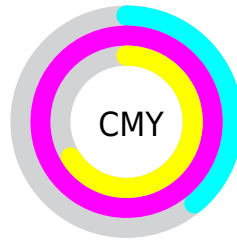
- Red (61%)
- Green (0%)
- Blue (34%)



- Red (61%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4306, 7.7560, 9.7006 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 15.4306, 7.7560, 9.7006 by changing the saturation by 10% instead.


 15.4306, 7.7560,
9.7006


 15.4306, 7.7560,
9.7006


219.2950,
173.8055, 198.9282


 9.2104, 3.9392,
5.0979


 35.1723, 21.4787,
25.8298


 4.9369, 1.6396,
2.2451

 49.4246, 32.1534,
38.1933


 2.2447, 0.3841,
0.7002

 67.0849, 45.8829,
53.9809

 0.7661, 0.0000,
0.0000

 88.5186, 63.0515,
73.6111

 0.0000, 0.0000,
0.0000

 114.0912, 84.0437,
97.5023

 144.1678,

109.2438, 126.0732

179.1140,
139.0363, 159.7424

15.4306, 7.7560,
9.7006

15.4306, 7.7560,
9.7006

15.4303, 7.7559,
9.6989

15.9059, 8.2337,
11.3173

16.5453, 8.9951,
13.1253

17.4106, 10.1629,
15.1485

18.5275, 11.7876,
17.3990

19.9182, 13.9123,
19.8872

■ 21.6022, 16.5749,
22.6229

■ 23.5971, 19.8098,
25.6147

■ 25.9190, 23.6485,
28.8712

■ 28.5831, 28.1201,
32.4000

Harmonies

Analogous

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



13.7961, 7.7560, 22.6772



15.4306, 7.7560, 9.7006



14.4412, 7.7560, 2.7980

Triad

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



15.4306, 7.7560, 9.7006



4.9689, 7.7560, 0.2889



4.4324, 7.7560, 33.3616

Complementary

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



15.4306, 7.7560, 9.7006



12.9635, 24.2070, 9.6224

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.



3.0945, 7.7560, 18.8997



15.4306, 7.7560, 9.7006



3.3350, 7.7560, 1.9174

Square

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



15.4306, 7.7560, 9.7006



7.7981, 7.7560, 0.0000



2.7608, 7.7560, 7.3026



6.9614, 7.7560, 41.3423

Rectangle

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



15.4306, 7.7560, 9.7006



12.5469, 7.7560, 1.0287



2.7608, 7.7560, 7.3026



3.8606, 7.7560, 28.7467

Sweetspot

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



15.4308, 7.7565, 9.7007



42.6229, 35.5937, 46.1809



8.3578, 3.6157, 31.7099



9.0558, 7.3056, 9.6856



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.



15.4308, 7.7565, 9.7007



27.9254, 14.0468, 17.0871



13.7676, 7.0912, 0.9423



6.7801, 6.7050, 7.6931



12.7275, 6.3956, 8.0818



0.2487, 0.1228, 0.2556

Inverse Universe

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



15.4308, 7.7565, 9.7007



27.9254, 14.0468, 17.0871



17.0460, 25.8400, 31.1210



6.7801, 6.7050, 7.6931



12.7275, 6.3956, 8.0818



0.2487, 0.1228, 0.2556

Previews

White Background



This preview shows how the XYZ color 15.4306, 7.7560, 9.7006 looks on a white background.

Color Contrast Check

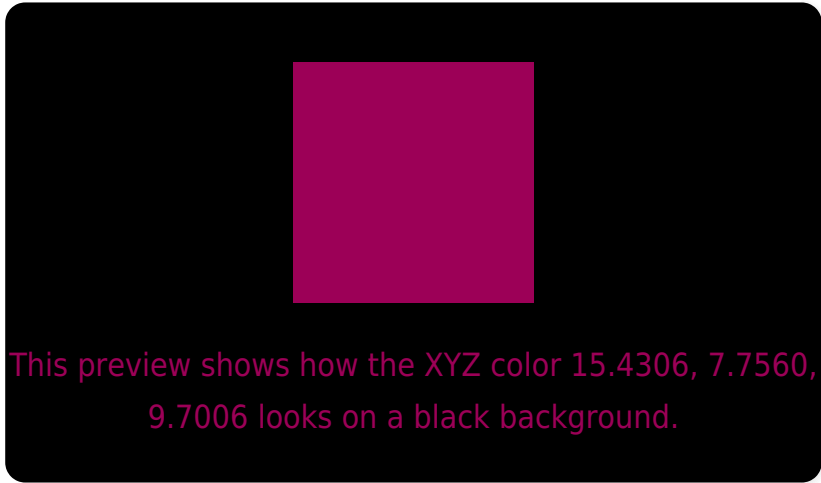
Large Text (above 18pt) WCAG AA ✓ Pass

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

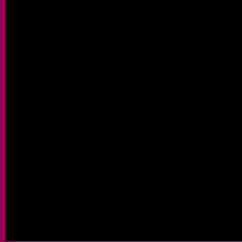
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4306, 7.7560, 9.7006

Background



This preview shows how black text looks on a background with the XYZ color 15.4306, 7.7560, 9.7006.



This preview shows how white text looks on a background with the XYZ color 15.4306, 7.7560,

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

15.4306, 7.7560, 9.7006

Protanopia

8.8171, 8.3762, 20.5541

Deuteranopia

8.4604, 8.3448, 8.7542



Tritanopia

14.0123, 8.0377, 2.4030

Trichromacy



Original Color

15.4306, 7.7560, 9.7006

Protanomaly

9.1987, 6.1680, 15.7446

Deuteranomaly

9.6414, 6.4831, 8.9268

Tritanomaly

14.2792, 7.7102, 4.2256

Monochromacy



Original Color

15.4306, 7.7560, 9.7006

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.1885, 4.0063, 5.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4306, 7.7560, 9.7006 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.4306, 7.7560, 9.7006 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, 87) }
```


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

```
.border{ border-color:rgb(156, 0, 87) }
```

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, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4306, 7.7560, 9.7006 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, 87) }
```

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

```
.background{ background-color: rgb(156, 0,  
87) }
```

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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