

Converting Colors

XYZ(15.3372, 7.8845, 1.7198)

Have a look what the booklet for
XYZ(15.3372, 7.8845, 1.7198)
contains.

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Color

**XYZ(15.2907, 7.8611,
1.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	A3001A
RGB	163, 0, 26
RGB Percent	64%, 0%, 10%
CMY	0.3608, 0.9999, 0.8980
CMYK	0.00, 1.00, 0.84, 0.36
HSL	350°, 100%, 32%
HSV	350°, 100%, 64%
XYZ	15.2907, 7.8611, 1.6887
YIQ	51.7010, 88.8020, 42.6420

Conversions

Conversions Part 2

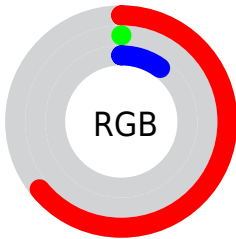
Format	Color
RYB	163, 0, 26
Decimal	10682394
CIELab	33.69, 57.75, 35.80
CIELCh	34, 67.943, 31.796
Yxy	7.8611, 0.6156, 0.3165
Android (android.graphics.Color)	4288872474 (0xFFA3001A)
YUV	51.7010, -12.6706, 97.6092
Hunter-Lab	28.0377, 48.2814, 16.0553

Details

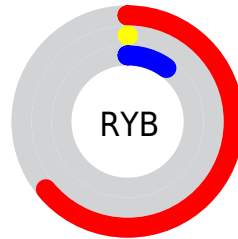
The XYZ color **15.2907, 7.8611, 1.6887** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.6146, 28.0012, 28.1527**, and the grayscale version is **3.2374, 3.4059, 3.7091**.

A 20% lighter version of the original color is **35.0540, 21.7798, 8.1507**, and **5.4795, 2.8248, 0.2564** is the 20% darker color. If you saturate the color by 10%, you get **15.2904, 7.8610, 1.6875**, and if you desaturate by 10%, it is **15.6722, 8.3179, 2.7605**.

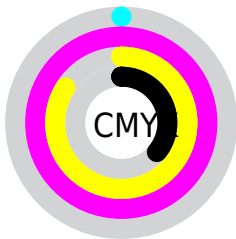
Distribution



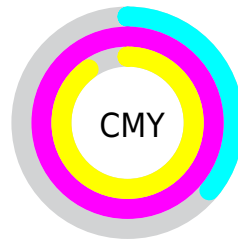
- Red (64%)
- Green (0%)
- Blue (10%)



- Red (64%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2907, 7.8611, 1.6887 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 15.2907, 7.8611, 1.6887 by changing the saturation by 10% instead.

■ 15.2907, 7.8611,
1.6887

■ 15.2907, 7.8611,
1.6887

218.4727,
174.6385, 117.3387

■ 9.1113, 4.0062,
0.3530

■ 34.9298, 21.6857,
8.1708

■ 4.8715, 1.6770,
0.0000

■ 49.1203, 32.4242,
14.2744

■ 2.2061, 0.4087,
0.0000

■ 66.7118, 46.2260,
22.8443

■ 0.7459, 0.0000,
0.0000

■ 88.0697, 63.4755,
34.2992


■ 0.0000, 0.0000,
0.0000

■ 113.5594, 84.5571,
49.0575


■ 143.5463,

109.8552, 67.5378


 178.3956,
139.7542, 90.1587


 15.2907, 7.8611,
1.6887


 15.2907, 7.8611,
1.6887


 15.2904, 7.8610,
1.6875

 15.6722, 8.3179,
2.7605

 16.2896, 9.1143,
4.3178

 17.2156, 10.3834,
6.4237

 18.4854, 12.1842,
9.1244

 20.1291, 14.5670,
12.4610

■ 22.1736, 17.5764,
16.4706

■ 24.6431, 21.2524,
21.1879

■ 27.5602, 25.6317,
26.6448

■ 30.9454, 30.7486,
32.8715

Harmonies

Analogous

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



17.0700, 7.8611, 7.9368



15.2907, 7.8611, 1.6887



11.3611, 7.8611, 0.0000

Triad

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



15.2907, 7.8611, 1.6887



2.7941, 7.8611, 2.0918



7.6969, 7.8611, 49.3082

Complementary

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



15.2907, 7.8611, 1.6887



17.6146, 28.0012, 28.1527

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.



4.5900, 7.8611, 41.9688



15.2907, 7.8611, 1.6887



2.3800, 7.8611, 9.2138

Square

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



15.2907, 7.8611, 1.6887



4.3166, 7.8611, 0.0240



2.9114, 7.8611, 24.3968



11.8793, 7.8611, 40.1531

Rectangle

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



15.2907, 7.8611, 1.6887



8.5329, 7.8611, 0.0000



2.9114, 7.8611, 24.3968



6.5024, 7.8611, 48.6735

Sweetspot

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



15.2909, 7.8616, 1.6888



43.8601, 37.6517, 37.4277



16.7380, 7.8655, 35.2861



9.4350, 7.8361, 7.6162



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.2909, 7.8616, 1.6888



27.3355, 14.0590, 2.7661



16.4398, 10.4576, 1.1528



7.1177, 7.1035, 7.6061



11.8952, 6.1141, 1.3725



0.2622, 0.1334, 0.0936

Inverse Universe

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



15.2909, 7.8616, 1.6888



27.3355, 14.0590, 2.7661



12.0451, 13.5125, 36.6234



7.1177, 7.1035, 7.6061



11.8952, 6.1141, 1.3725



0.2622, 0.1334, 0.0936

Previews

White Background



This preview shows how the XYZ color 15.2907, 7.8611, 1.6887 looks on a white background.

Color Contrast Check

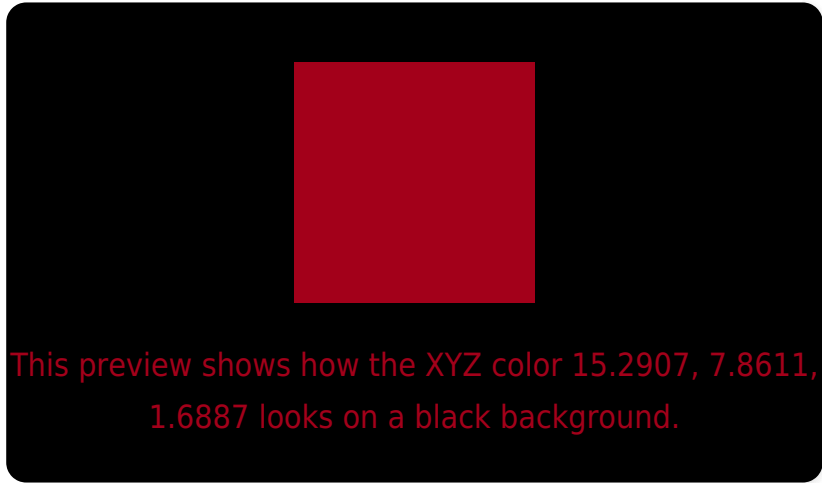
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2907, 7.8611, 1.6887

Background



This preview shows how black text looks on a background with the XYZ color 15.2907, 7.8611, 1.6887.



This preview shows how white text looks on a background with the XYZ color 15.2907, 7.8611,

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

15.2907, 7.8611, 1.6887

Protanopia

7.8256, 8.5778, 3.4337

Deuteranopia

8.4497, 8.3984, 1.2619



Tritanopia

15.0711, 8.0230, 0.7543

Trichromacy



Original Color

15.2907, 7.8611, 1.6887

Protanomaly

8.9277, 6.4555, 2.4446

Deuteranomaly

9.6585, 6.6653, 1.0941

Tritanomaly

15.0581, 7.9182, 0.9932

Monochromacy



Original Color

15.2907, 7.8611, 1.6887

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.3935, 3.5374, 2.6840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2907, 7.8611, 1.6887 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(163, 0, 26)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 26)  
}
```

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(163, 0, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 26) }
```

Border

The CSS property to change the border of an element to XYZ 15.2907, 7.8611, 1.6887 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(163, 0, 26) }
```


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

```
.border{ border-color:rgb(163, 0, 26) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(163, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.2907, 7.8611, 1.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 26) }
```

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

```
.background{ background-color: rgb(163, 0,  
26) }
```

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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