

Converting Colors

XYZ(14.3667, 6.2359, 0.8559)

Have a look what the booklet for
XYZ(14.3667, 6.2359, 0.8559)
contains.

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Color

**XYZ(15.1835, 7.8182,
1.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	A3000E
RGB	163, 0, 14
RGB Percent	64%, 0%, 5%
CMY	0.3608, 0.9999, 0.9451
CMYK	0.00, 1.00, 0.91, 0.36
HSL	355°, 100%, 32%
HSV	355°, 100%, 64%
XYZ	15.1835, 7.8182, 1.1243
YIQ	50.3330, 92.6540, 38.9100

Conversions

Conversions Part 2

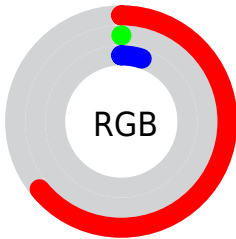
Format	Color
R_{YB}	163, 0, 14
Decimal	10682382
CIE _{Lab}	33.60, 57.50, 41.97
CIE _{LCh}	34, 71.187, 36.125
Yxy	7.8182, 0.6293, 0.3241
Android (android.graphics.Color)	4288872462 (0xFFA3000E)
YUV	50.3330, -17.9122, 98.8090
Hunter-Lab	27.9610, 47.9978, 17.1887

Details

The XYZ color **15.1835, 7.8182, 1.1243** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18.5240, 28.3650, 32.9419**, and the grayscale version is **3.0836, 3.2442, 3.5329**.

A 20% lighter version of the original color is **34.6695, 21.5167, 6.4635**, and **5.3668, 2.7667, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **15.1832, 7.8181, 1.1235**, and if you desaturate by 10%, it is **15.5148, 8.2550, 1.9318**.

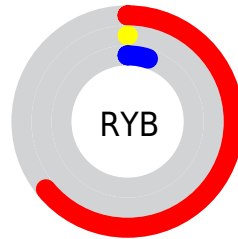
Distribution



Red (64%)

Green (0%)

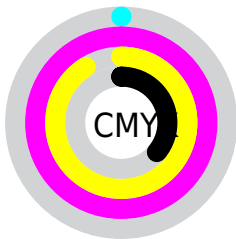
Blue (5%)



Red (64%)

Yellow (0%)

Blue (5%)

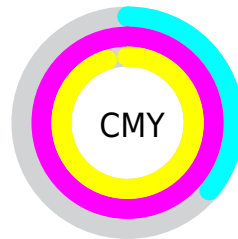


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (36%)



Cyan (36%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1835, 7.8182, 1.1243 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 15.1835, 7.8182, 1.1243 by changing the saturation by 10% instead.


 15.1835, 7.8182,
1.1243


 15.1835, 7.8182,
1.1243


 217.8406,
174.2990, 106.8123

 9.0354, 3.9788,
0.0000


 34.7438, 21.6013,
6.4674


 4.8216, 1.6617,
0.0000


 48.8867, 32.3138,
11.7711


 2.1766, 0.3987,
0.0000

 66.4253, 46.0861,
19.3877

 0.7304, 0.0000,
0.0000


 87.7249, 63.3026,
29.7356


 0.0000, 0.0000,
0.0000


 113.1509, 84.3478,
43.2336


 143.0686,


109.6060, 60.2999

 177.8434,
139.4616, 81.3533


 15.1835, 7.8182,
1.1243


 15.1835, 7.8182,
1.1243


 15.1832, 7.8181,
1.1235

 15.5148, 8.2550,
1.9318

 16.0886, 9.0338,
3.2595

 16.9811, 10.2895,
5.1891

 18.2302, 12.0820,
7.7810

 19.8684, 14.4626,
11.0884

■ 21.9244, 17.4766,
15.1588

■ 24.4243, 21.1646,
20.0359

■ 27.3920, 25.5642,
25.7599

■ 30.8497, 30.7101,
32.3684

Harmonies

Analogous

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



17.5242, 7.8182, 6.4400



15.1835, 7.8182, 1.1243



10.8583, 7.8182, 0.0000

Triad

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



15.1835, 7.8182, 1.1243



2.5003, 7.8182, 2.4819



8.2514, 7.8182, 51.9692

Complementary

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



15.1835, 7.8182, 1.1243



18.5240, 28.3650, 32.9419

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.



4.8134, 7.8182, 46.5022



15.1835, 7.8182, 1.1243



2.2244, 7.8182, 10.9883

Square

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



15.1835, 7.8182, 1.1243



3.8577, 7.8182, 0.0303



2.9033, 7.8182, 28.2016



12.7222, 7.8182, 39.8158

Rectangle

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



15.1835, 7.8182, 1.1243



7.9440, 7.8182, 0.0000



2.9033, 7.8182, 28.2016



6.9405, 7.8182, 52.2126

Sweetspot

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



15.1837, 7.8187, 1.1244



43.4643, 37.4934, 35.3437



18.5903, 8.8204, 35.3727



9.3404, 7.7983, 7.1183



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.



15.1837, 7.8187, 1.1244



27.1610, 13.9893, 1.8474



17.0069, 11.5918, 1.3418



7.0973, 7.0954, 7.4988



11.8081, 6.0793, 0.9140



0.2550, 0.1305, 0.0557

Inverse Universe

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



15.1837, 7.8187, 1.1244



27.1610, 13.9893, 1.8474



10.9610, 11.3442, 36.2620



7.0973, 7.0954, 7.4988



11.8081, 6.0793, 0.9140



0.2550, 0.1305, 0.0557

Previews

White Background



This preview shows how the XYZ color 15.1835, 7.8182, 1.1243 looks on a white background.

Color Contrast Check

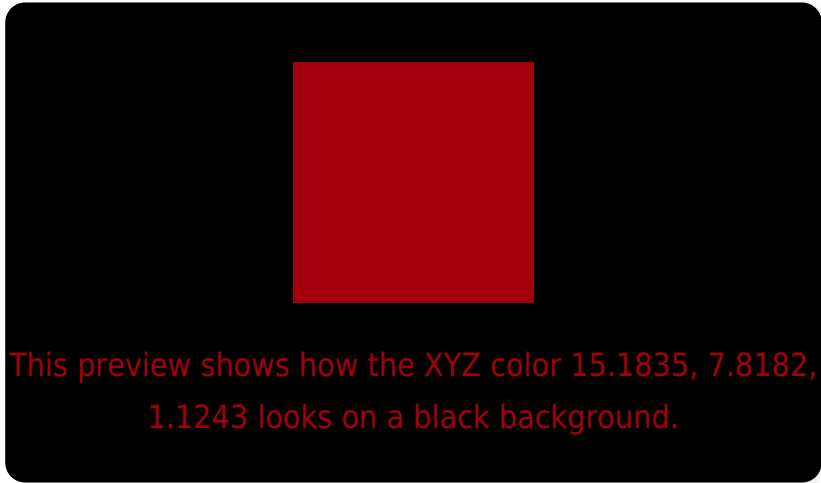
Large Text (above 18pt) WCAG AA ✓ Pass

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

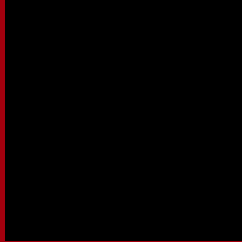
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1835, 7.8182, 1.1243

Background



This preview shows how black text looks on a background with the XYZ color 15.1835, 7.8182, 1.1243.



This preview shows how white text looks on a background with the XYZ color 15.1835, 7.8182,

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

15.1835, 7.8182, 1.1243

Protanopia

7.6405, 8.3937, 2.3161

Deuteranopia

8.4333, 8.3918, 1.1753



Tritanopia

15.0711, 8.0230, 0.7543

Trichromacy



Original Color

15.1835, 7.8182, 1.1243

Protanomaly

8.8539, 6.3694, 1.5734

Deuteranomaly

9.6254, 6.6521, 0.9203

Tritanomaly

15.0362, 7.9094, 0.8778

Monochromacy



Original Color

15.1835, 7.8182, 1.1243

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.1648, 3.3907, 2.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1835, 7.8182, 1.1243 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, 14)` looks like.

```
.text, #text, p{  
  color:rgb(163, 0, 14)  
}
```

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, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 14) }
```

Border

The CSS property to change the border of an element to XYZ 15.1835, 7.8182, 1.1243 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, 14) }
```


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

```
.border{ border-color:rgb(163, 0, 14) }
```

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, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 14);  
box-shadow:4px 4px 4px 4px rgb(163, 0, 14)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1835, 7.8182, 1.1243 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, 14) }
```

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

```
.background{ background-color: rgb(163, 0,  
14) }
```

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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