

Converting Colors

XYZ(15.0320, 8.3032, 0.8128)

Have a look what the booklet for
XYZ(15.0320, 8.3032, 0.8128)
contains.

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Color

**XYZ(15.0673, 8.3159,
0.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	A11A00
RGB	161, 26, 0
RGB Percent	63%, 10%, 0%
CMY	0.3686, 0.8980, 1.0000
CMYK	0.00, 0.84, 1.00, 0.37
HSL	10°, 100%, 32%
HSV	10°, 100%, 63%
XYZ	15.0673, 8.3159, 0.8110
YIQ	63.4010, 88.8060, 20.5340

Conversions

Conversions Part 2

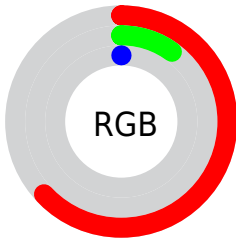
Format	Color
RYB	161, 31, 0
Decimal	10557952
CIELab	34.63, 52.36, 48.11
CIElCh	35, 71.109, 42.577
Yxy	8.3159, 0.6228, 0.3437
Android (android.graphics.Color)	4288748032 (0xFFA11A00)
YUV	63.4010, -31.2567, 85.5943
Hunter-Lab	28.8373, 42.7998, 18.5187

Details

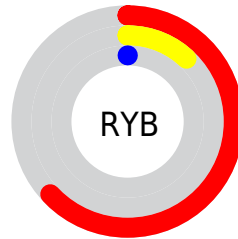
The XYZ color **15.0673, 8.3159, 0.8110** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15.0948, 19.8969, 36.7627**, and the grayscale version is **4.8207, 5.0717, 5.5231**.

A 20% lighter version of the original color is **34.5433, 22.5660, 5.4408**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **15.0674, 8.3164, 0.8111**, and if you desaturate by 10%, it is **15.5345, 9.0997, 1.4318**.

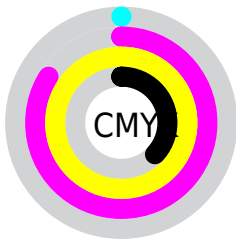
Distribution



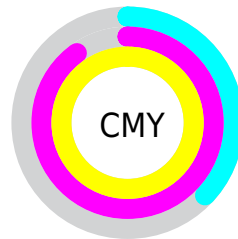
- Red (63%)
- Green (10%)
- Blue (0%)



- Red (63%)
- Yellow (12%)
- Blue (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (100%)
- Black (37%)





- Cyan (37%)
- Magenta (90%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0673, 8.3159, 0.8110 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 15.0673, 8.3159, 0.8110 by changing the saturation by 10% instead.


 15.0673, 8.3159,
0.8110


 15.0673, 8.3159,
0.8110


 217.1535,
178.1892, 99.9268


 8.9533, 4.2977,
0.0000


 34.5419, 22.5754,
5.4416


 4.7676, 1.8415,
0.0000

 48.6331, 33.5856,
10.2261


 2.1449, 0.5128,
0.0000

 66.1142, 47.6953,
17.2176

 0.7134, 0.0000,
0.0000

 87.3503, 65.2888,
26.8344

 0.0000, 0.0000,
0.0000

 112.7070, 86.7505,
39.4952

 142.5495,


112.4649, 55.6185


 177.2432,
142.8163, 75.6229


 15.0673, 8.3159,
0.8110


 15.0673, 8.3159,
0.8110


 15.0674, 8.3164,
0.8111

 15.5345, 9.0997,
1.4318

 16.2348, 10.2296,
2.4997

 17.2156, 11.7492,
4.1894

 18.5039, 13.6903,
6.5777

 20.1233, 16.0817,
9.7302

■ 22.0951, 18.9492,
13.7049

■ 24.4388, 22.3171,
18.5540

■ 27.1724, 26.2076,
24.3258

■ 30.3127, 30.6419,
31.0645

Harmonies

Analogous

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



18.0967, 8.3159, 5.0406



15.0673, 8.3159, 0.8110



10.4504, 8.3159, 0.0000

Triad

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



15.0673, 8.3159, 0.8110



2.5867, 8.3159, 3.9139



9.7085, 8.3159, 52.3688

Complementary

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



15.0673, 8.3159, 0.8110



15.0948, 19.8969, 36.7627

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.



5.8090, 8.3159, 50.8241



15.0673, 8.3159, 0.8110



2.5072, 8.3159, 14.7778

Square

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



15.0673, 8.3159, 0.8110



3.7444, 8.3159, 0.5138



3.4707, 8.3159, 33.7911



14.3682, 8.3159, 37.0749

Rectangle

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



15.0673, 8.3159, 0.8110



7.5617, 8.3159, 0.0000



3.4707, 8.3159, 33.7911



8.2565, 8.3159, 54.0246

Sweetspot

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



15.0675, 8.3164, 0.8111



43.5135, 39.6038, 32.6962



19.2023, 9.3788, 24.4085



9.1656, 8.1445, 6.3853



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.



15.0675, 8.3164, 0.8111



26.8887, 14.7018, 1.4205



19.7137, 17.6089, 2.3599



7.1620, 7.2623, 7.4044



12.0550, 6.6838, 0.6547



0.2780, 0.1898, 0.0220

Inverse Universe

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



15.0948, 19.8969, 36.7627



26.9121, 35.3906, 65.7992



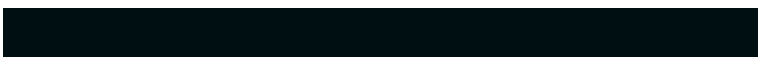
7.8642, 5.4356, 34.3524



7.1782, 7.8155, 9.0333



12.0808, 15.9409, 29.3700



0.2783, 0.3839, 0.6253

Previews

White Background



This preview shows how the XYZ color 15.0673, 8.3159, 0.8110 looks on a white background.

Color Contrast Check

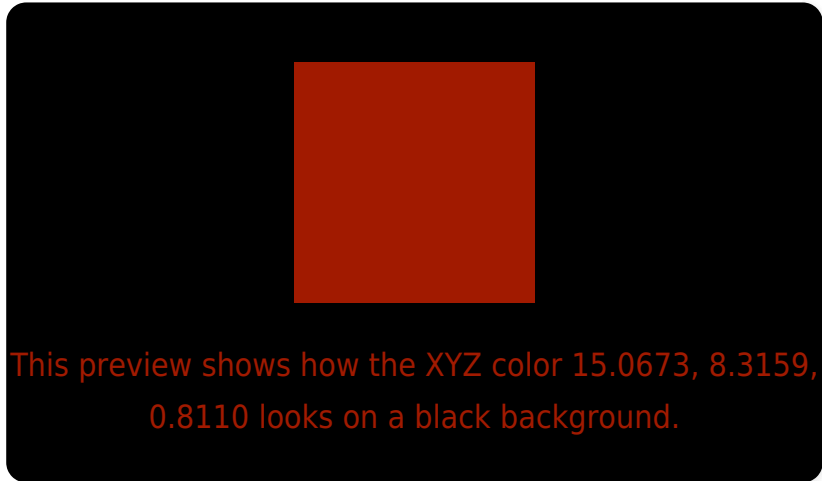
Large Text (above 18pt) WCAG AA ✓ Pass

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

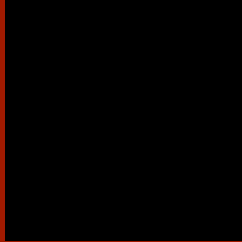
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0673, 8.3159, 0.8110

Background



This preview shows how black text looks on a background with the XYZ color 15.0673, 8.3159, 0.8110.



This preview shows how white text looks on a background with the XYZ color 15.0673, 8.3159,

0.8110.

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

15.0673, 8.3159, 0.8110

Protanopia

7.9127, 8.7708, 1.9377

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

15.2002, 8.3342, 1.6181

Trichromacy



Original Color

15.0673, 8.3159, 0.8110

Protanomaly

9.3214, 7.4356, 1.3247

Deuteranomaly

10.0733, 7.5917, 0.9344

Tritanomaly

15.1318, 8.3068, 1.2578

Monochromacy



Original Color

15.0673, 8.3159, 0.8110

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.6692, 5.0871, 2.6379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0673, 8.3159, 0.8110 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, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 26, 0)  
}
```

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, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 26, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0673, 8.3159, 0.8110 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, 26, 0) }
```


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

```
.border{ border-color:rgb(161, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0673, 8.3159, 0.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 26, 0) }
```

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

```
.background{ background-color: rgb(161, 26,  
0) }
```

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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