

Converting Colors

XYZ(15.8600, 8.0082, 9.2076)

Have a look what the booklet for
XYZ(15.8600, 8.0082, 9.2076)
contains.

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Color

**XYZ(15.9486, 8.0485,
9.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	9F0155
RGB	159, 1, 85
RGB Percent	62%, 0%, 33%
CMY	0.3765, 0.9960, 0.6667
CMYK	0.00, 0.99, 0.47, 0.38
HSL	328°, 99%, 31%
HSV	328°, 99%, 62%
XYZ	15.9486, 8.0485, 9.3073
YIQ	57.8180, 67.2040, 59.6200

Conversions

Conversions Part 2

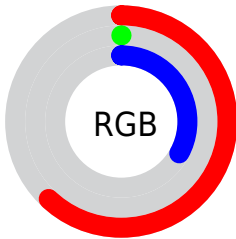
Format	Color
R_{YB}	159, 1, 85
Decimal	10420565
CIE _{Lab}	34.08, 59.90, -1.75
CIE _{LCh}	34, 59.929, 358.326
Yxy	8.0485, 0.4789, 0.2417
Android (android.graphics.Color)	4288610645 (0xFF9F0155)
YUV	57.8180, 13.4007, 88.7366
Hunter-Lab	28.3699, 50.6995, 0.4077

Details

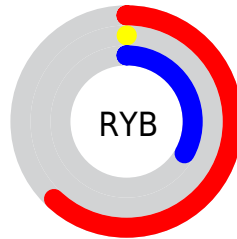
The XYZ color **15.9486, 8.0485, 9.3073** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.6816, 25.3111, 10.8249**, and the grayscale version is **3.9754, 4.1824, 4.5546**.

A 20% lighter version of the original color is **36.1704, 22.0891, 24.9115**, and **5.7498, 2.9199, 2.2680** is the 20% darker color. If you saturate the color by 10%, you get **15.9188, 8.0192, 9.2038**, and if you desaturate by 10%, it is **16.4487, 8.5500, 11.0116**.

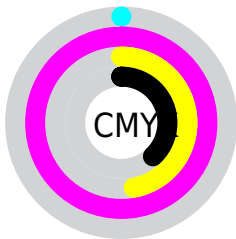
Distribution



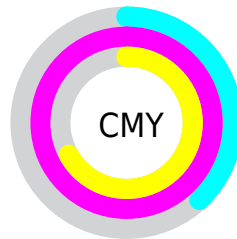
- Red (62%)
- Green (0%)
- Blue (33%)



- Red (62%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (99%)
- Yellow (47%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9486, 8.0485, 9.3073 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 15.9486, 8.0485, 9.3073 by changing the saturation by 10% instead.


 15.9486, 8.0485,
9.3073


 15.9486, 8.0485,
9.3073


222.3146,
176.1119, 195.9558


 9.5784, 4.1260,
4.8426


 36.0671, 22.0535,
25.0713


 5.1804, 1.7443,
2.0981

 50.5461, 32.9047,
37.2077


 2.3894, 0.4521,
0.6146

 68.4588, 46.8344,
52.7384

 0.8398, 0.0000,
0.0000


 90.1705, 64.2267,
72.0820


 0.0000, 0.0000,
0.0000


 116.0466, 85.4663,
95.6570

 146.4524,

110.9374, 123.8819


 181.7533,
141.0245, 157.1753


 15.9486, 8.0485,
9.3073


 15.9486, 8.0485,
9.3073


 15.9188, 8.0192,
9.2038

 16.4487, 8.5500,
11.0116

 17.1322, 9.3669,
12.9352

 18.0567, 10.6132,
15.1018

 19.2492, 12.3413,
17.5244

 20.7328, 14.5961,
20.2148

■ 22.5278, 17.4172,
23.1837

■ 24.6529, 20.8405,
26.4410

■ 27.1249, 24.8987,
29.9961

■ 29.9598, 29.6224,
33.8576

Harmonies

Analogous

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



14.4537, 8.0485, 22.2595



15.9486, 8.0485, 9.3073



14.7400, 8.0485, 2.6440

Triad

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



15.9486, 8.0485, 9.3073



5.0076, 8.0485, 0.4203



4.7685, 8.0485, 35.2688

Complementary

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



15.9486, 8.0485, 9.3073



13.6816, 25.3111, 10.8249

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.



3.3006, 8.0485, 20.5848



15.9486, 8.0485, 9.3073



3.4080, 8.0485, 2.2501

Square

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



15.9486, 8.0485, 9.3073



7.8375, 8.0485, 0.0000



2.8853, 8.0485, 8.2412



7.4653, 8.0485, 42.5792

Rectangle

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



15.9486, 8.0485, 9.3073



12.7158, 8.0485, 0.9790



2.8853, 8.0485, 8.2412



4.1477, 8.0485, 30.6777

Sweetspot

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



15.9488, 8.0490, 9.3074



43.6569, 36.5202, 46.6177



9.1508, 4.0110, 33.0926



9.4919, 7.6667, 9.9792



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.



15.9488, 8.0490, 9.3074



28.4101, 14.3221, 15.9614



14.3436, 7.4069, 0.8543



6.7730, 6.7021, 7.6557



12.5945, 6.3424, 7.3815



0.2465, 0.1219, 0.2441

Inverse Universe

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



15.9488, 8.0490, 9.3074



28.4101, 14.3221, 15.9614



18.2215, 27.1270, 34.7314



6.7730, 6.7021, 7.6557



12.5945, 6.3424, 7.3815



0.2465, 0.1219, 0.2441

Previews

White Background



This preview shows how the XYZ color 15.9486, 8.0485, 9.3073 looks on a white background.

Color Contrast Check

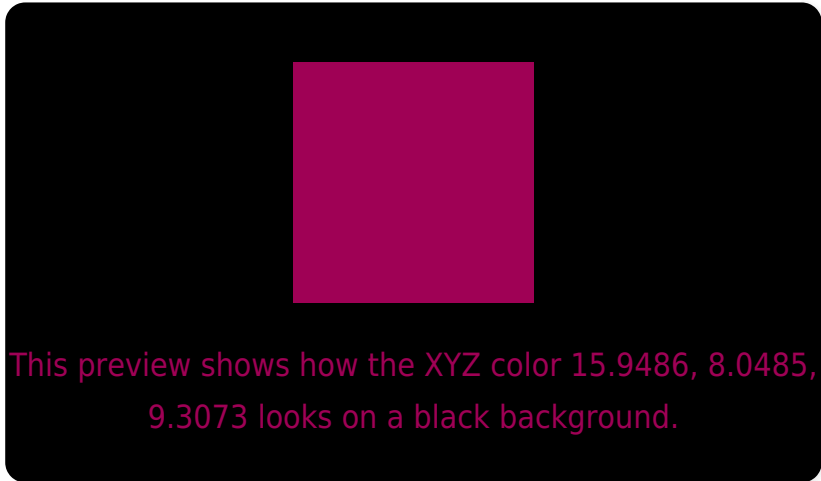
Large Text (above 18pt) WCAG AA ✓ Pass

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

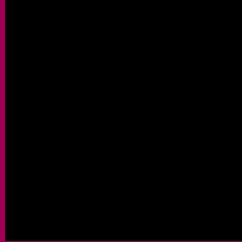
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9486, 8.0485, 9.3073

Background



This preview shows how black text looks on a background with the XYZ color 15.9486, 8.0485, 9.3073.



This preview shows how white text looks on a background with the XYZ color 15.9486, 8.0485,

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

15.9486, 8.0485, 9.3073

Protanopia

9.1182, 8.7667, 19.9505

Deuteranopia

8.7580, 8.6145, 8.4089



Tritanopia

14.5711, 8.3275, 2.3528

Trichromacy



Original Color

15.9486, 8.0485, 9.3073

Protanomaly

9.5129, 6.4751, 15.2164

Deuteranomaly

10.0051, 6.7436, 8.5589

Tritanomaly

14.8341, 7.9990, 4.1303

Monochromacy



Original Color

15.9486, 8.0485, 9.3073

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.4243, 4.1734, 5.9358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9486, 8.0485, 9.3073 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(159, 1, 85)` looks like.

```
.text, #text, p{  
  color:rgb(159, 1, 85)  
}
```

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(159, 1, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 1, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.9486, 8.0485, 9.3073 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(159, 1, 85) }
```


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

```
.border{ border-color:rgb(159, 1, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 1, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 1, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 1, 85);  
box-shadow:4px 4px 4px 4px rgb(159, 1, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.9486, 8.0485, 9.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 1, 85) }
```

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

```
.background{ background-color: rgb(159, 1,  
85) }
```

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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