

Converting Colors

XYZ(15.3855, 7.8849, 14.3688)

Have a look what the booklet for
XYZ(15.3855, 7.8849, 14.3688)
contains.

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Color

**XYZ(15.3500, 7.8663,
14.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	960F6A
RGB	150, 15, 106
RGB Percent	59%, 6%, 42%
CMY	0.4118, 0.9411, 0.5843
CMYK	0.00, 0.90, 0.29, 0.41
HSL	320°, 82%, 32%
HSV	320°, 90%, 59%
XYZ	15.3500, 7.8663, 14.3450
YIQ	65.7390, 51.2490, 56.9210

Conversions

Conversions Part 2

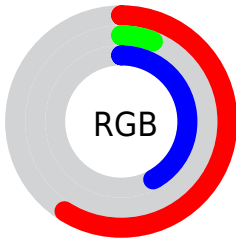
Format	Color
R_{YB}	150, 15, 106
Decimal	9834346
CIE _{Lab}	33.70, 58.05, -16.07
CIE _{LCh}	34, 60.234, 344.524
Yxy	7.8663, 0.4087, 0.2094
Android (android.graphics.Color)	4288024426 (0xFF960F6A)
YUV	65.7390, 19.8487, 73.8969
Hunter-Lab	28.0469, 48.6104, -10.6919

Details

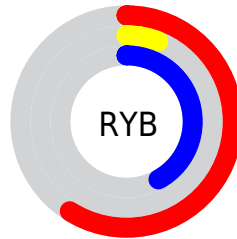
The XYZ color **15.3500, 7.8663, 14.3450** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.8934, 22.2303, 7.8038**, and the grayscale version is **5.1040, 5.3698, 5.8477**.

A 20% lighter version of the original color is **35.0407, 21.7291, 34.2456**, and **5.4055, 2.6955, 4.3730** is the 20% darker color. If you saturate the color by 10%, you get **14.9322, 7.4261, 12.9868**, and if you desaturate by 10%, it is **15.9055, 8.5586, 15.8208**.

Distribution



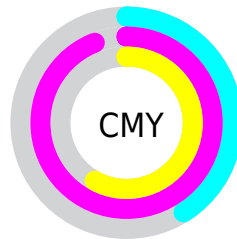
- Red (59%)
- Green (6%)
- Blue (42%)



- Red (59%)
- Yellow (6%)
- Blue (42%)



- Cyan (0%)
- Magenta (90%)
- Yellow (29%)
- Black (41%)





- Cyan (41%)
- Magenta (94%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3500, 7.8663, 14.3450 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 15.3500, 7.8663, 14.3450 by changing the saturation by 10% instead.


 15.3500, 7.8663,
14.3450


 15.3500, 7.8663,
14.3450


218.8216,
174.6795, 230.8692


 9.1533, 4.0095,
8.2195


 35.0327, 21.6959,
34.4258


 4.8992, 1.6789,
4.1460

 49.2493, 32.4375,
49.2183


 2.2224, 0.4099,
1.7058

 66.8701, 46.2429,
67.7368

 0.7545, 0.0000,
0.3647

 88.2602, 63.4964,
90.3999

 0.0000, 0.0000,
0.0000

 113.7850, 84.5824,
117.6261

 143.8100,

109.8853, 149.8341

178.7004,
139.7896, 187.4423

15.3500, 7.8663,
14.3450

15.3500, 7.8663,
14.3450

14.9322, 7.4261,
12.9868

15.9055, 8.5586,
15.8208

14.9318, 7.4257,
12.9854

16.6562, 9.6178,
17.4343

17.6252, 11.0897,
19.1943

18.8322, 13.0133,
21.1087

20.2945, 15.4227,
23.1841

■ 22.0278, 18.3491,
25.4269

■ 24.0463, 21.8208,
27.8429

■ 26.3636, 25.8642,
30.4376

■ 28.9919, 30.5038,
33.2161

Harmonies

Analogous

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



12.8278, 7.8663, 28.9730



15.3500, 7.8663, 14.3450



15.3939, 7.8663, 4.7872

Triad

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



15.3500, 7.8663, 14.3450



6.0041, 7.8663, 0.0000



3.8215, 7.8663, 28.4970

Complementary

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



15.3500, 7.8663, 14.3450



11.8934, 22.2303, 7.8038

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.



2.8826, 7.8663, 13.9397



15.3500, 7.8663, 14.3450



3.8691, 7.8663, 1.0633

Square

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



15.3500, 7.8663, 14.3450



9.2889, 7.8663, 0.0041



2.8971, 7.8663, 4.5930



5.9170, 7.8663, 40.4248

Rectangle

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



15.3500, 7.8663, 14.3450



13.9690, 7.8663, 1.8652



2.8971, 7.8663, 4.5930



3.3915, 7.8663, 23.4202

Sweetspot

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



15.3502, 7.8667, 14.3451



39.7020, 33.7968, 45.8921



7.4071, 3.4365, 29.1271



8.5729, 7.1045, 9.8919



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.3502, 7.8667, 14.3451



26.2684, 13.0715, 22.4796



13.1277, 6.9777, 2.6413



5.9557, 5.8774, 6.8730



12.3993, 6.1648, 10.8495



0.1653, 0.0809, 0.2043

Inverse Universe

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



15.3502, 7.8667, 14.3451



26.2684, 13.0715, 22.4796



14.8214, 23.4015, 23.2226



5.9557, 5.8774, 6.8730



12.3993, 6.1648, 10.8495



0.1653, 0.0809, 0.2043

Previews

White Background



This preview shows how the XYZ color 15.3500, 7.8663, 14.3450 looks on a white background.

Color Contrast Check

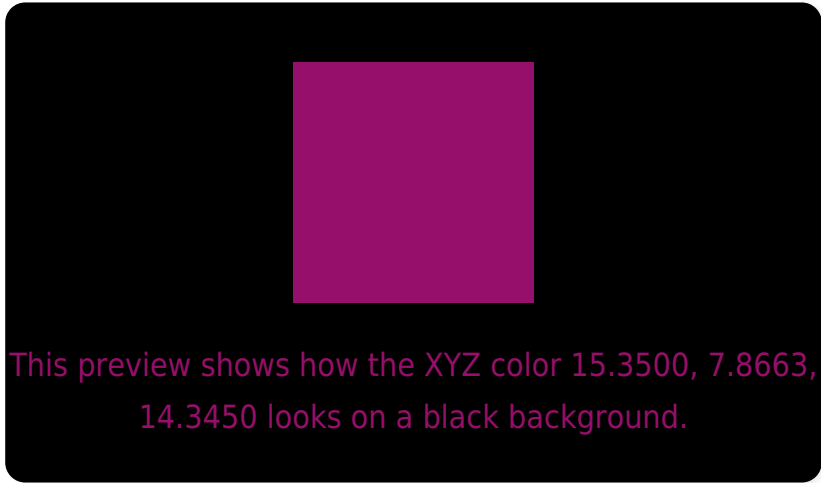
Large Text (above 18pt) WCAG AA ✓ Pass

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

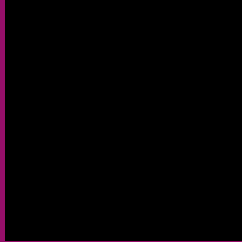
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3500, 7.8663, 14.3450

Background



This preview shows how black text looks on a background with the XYZ color 15.3500, 7.8663, 14.3450.



This preview shows how white text looks on a background with the XYZ color 15.3500, 7.8663,

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

15.3500, 7.8663, 14.3450

Protanopia

9.3475, 8.3427, 29.5514

Deuteranopia

8.4291, 8.3436, 12.9706



Tritanopia

13.2111, 8.0360, 3.4396

Trichromacy



Original Color

15.3500, 7.8663, 14.3450

Protanomaly

9.3040, 6.4066, 22.9365

Deuteranomaly

9.6381, 6.7909, 13.3732

Tritanomaly

13.6199, 7.7081, 6.2388

Monochromacy



Original Color

15.3500, 7.8663, 14.3450

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

7.4315, 5.1685, 8.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3500, 7.8663, 14.3450 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(150, 15, 106)` looks like.

```
.text, #text, p{  
    color:rgb(150, 15, 106)  
}
```

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(150, 15, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 15, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.3500, 7.8663, 14.3450 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(150, 15, 106) }
```


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

```
.border{ border-color:rgb(150, 15, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 15, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 15, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 15, 106); box-shadow:4px 4px 4px 4px rgb(150, 15, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3500, 7.8663, 14.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 15, 106) }
```

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

```
.background{ background-color: rgb(150, 15,  
106) }
```

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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