

Converting Colors

XYZ(15.2983, 7.8457, 14.0730)

Have a look what the booklet for
XYZ(15.2983, 7.8457, 14.0730)
contains.

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Color

**XYZ(15.2983, 7.8456,
14.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	960F69
RGB	150, 15, 105
RGB Percent	59%, 6%, 41%
CMY	0.4118, 0.9411, 0.5882
CMYK	0.00, 0.90, 0.30, 0.41
HSL	320°, 82%, 32%
HSV	320°, 90%, 59%
XYZ	15.2983, 7.8456, 14.0726
YIQ	65.6250, 51.5700, 56.6100

Conversions

Conversions Part 2

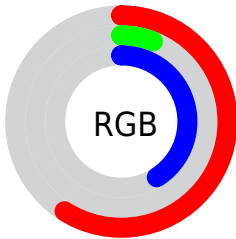
Format	Color
R_{YB}	150, 15, 105
Decimal	9834345
CIE _{Lab}	33.66, 57.93, -15.50
CIE _{LCh}	34, 59.970, 345.021
Yxy	7.8456, 0.4111, 0.2108
Android (android.graphics.Color)	4288024425 (0xFF960F69)
YUV	65.6250, 19.4119, 73.9969
Hunter-Lab	28.0100, 48.4744, -10.1811

Details

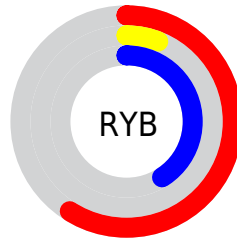
The XYZ color **15.2983, 7.8456, 14.0726** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.9196, 22.2408, 7.9417**, and the grayscale version is **5.0870, 5.3519, 5.8282**.

A 20% lighter version of the original color is **34.9556, 21.6951, 33.7977**, and **5.3798, 2.6852, 4.2377** is the 20% darker color. If you saturate the color by 10%, you get **14.8781, 7.4045, 12.7015**, and if you desaturate by 10%, it is **15.8569, 8.5391, 15.5645**.

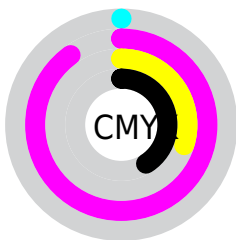
Distribution



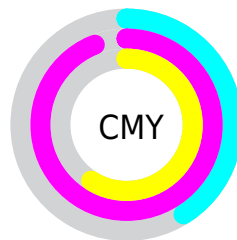
- Red (59%)
- Green (6%)
- Blue (41%)



- Red (59%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2983, 7.8456, 14.0726 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 15.2983, 7.8456, 14.0726 by changing the saturation by 10% instead.


 15.2983, 7.8456,
14.0726


 15.2983, 7.8456,
14.0726

218.5175,
174.5159, 229.1261


 9.1167, 3.9963,
8.0318


 34.9430, 21.6552,
33.9368


 4.8751, 1.6715,
4.0273

 49.1368, 32.3843,
48.5973


 2.2082, 0.4051,
1.6403

 66.7321, 46.1755,
66.9681

 0.7470, 0.0000,
0.3193

 88.0941, 63.4131,
89.4678

 0.0000, 0.0000,
0.0000

 113.5884, 84.4815,
116.5149

 143.5801,

109.7652, 148.5280

178.4347,
139.6485, 185.9255

15.2983, 7.8456,
14.0726

15.2983, 7.8456,
14.0726

14.8781, 7.4045,
12.7015

15.8569, 8.5391,
15.5645

14.8777, 7.4040,
12.7002

16.6112, 9.5998,
17.1974

17.5846, 11.0734,
18.9804

18.7966, 12.9989,
20.9211

20.2646, 15.4106,
23.0266

■ 22.0042, 18.3395,
25.3030

■ 24.0298, 21.8141,
27.7565

■ 26.3549, 25.8605,
30.3924

■ 28.9918, 30.5036,
33.2160

Harmonies

Analogous

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



12.8273, 7.8456, 28.5491



15.2983, 7.8456, 14.0726



15.2964, 7.8456, 4.6837

Triad

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



15.2983, 7.8456, 14.0726



5.9477, 7.8456, 0.0078



3.8462, 7.8456, 28.5700

Complementary

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



15.2983, 7.8456, 14.0726



11.9196, 22.2408, 7.9417

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.



2.8938, 7.8456, 14.0904



15.2983, 7.8456, 14.0726



3.8441, 7.8456, 1.0996

Square

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



15.2983, 7.8456, 14.0726



9.1971, 7.8456, 0.0070



2.8932, 7.8456, 4.6923



5.9515, 7.8456, 40.2620

Rectangle

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



15.2983, 7.8456, 14.0726



13.8577, 7.8456, 1.8272



2.8932, 7.8456, 4.6923



3.4118, 7.8456, 23.5392

Sweetspot

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



15.2985, 7.8460, 14.0727



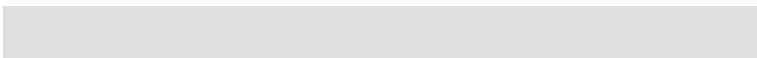
39.6635, 33.7814, 45.6893



7.5401, 3.5050, 29.1334



8.5635, 7.1007, 9.8427



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.



15.2985, 7.8460, 14.0727



26.1721, 13.0330, 21.9724



13.0908, 6.9629, 2.4467



5.9539, 5.8766, 6.8636



12.3545, 6.1468, 10.6136



0.1649, 0.0807, 0.2021

Inverse Universe

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



15.2985, 7.8460, 14.0727



26.1721, 13.0330, 21.9724



14.9672, 23.4599, 23.9902



5.9539, 5.8766, 6.8636



12.3545, 6.1468, 10.6136



0.1649, 0.0807, 0.2021

Previews

White Background



This preview shows how the XYZ color 15.2983, 7.8456, 14.0726 looks on a white background.

Color Contrast Check

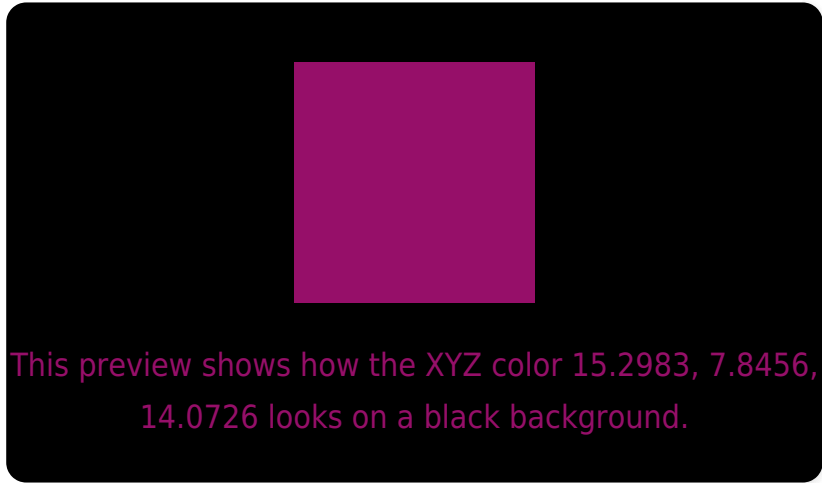
Large Text (above 18pt) WCAG AA ✓ Pass

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

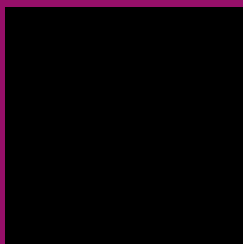
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2983, 7.8456, 14.0726

Background



This preview shows how black text looks on a background with the XYZ color 15.2983, 7.8456, 14.0726.



This preview shows how white text looks on a background with the XYZ color 15.2983, 7.8456,

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

15.2983, 7.8456, 14.0726

Protanopia

9.3136, 8.3344, 29.1348

Deuteranopia

8.3939, 8.2231, 12.7001



Tritanopia

13.1916, 8.0282, 3.3369

Trichromacy



Original Color

15.2983, 7.8456, 14.0726

Protanomaly

9.2352, 6.3791, 22.5743

Deuteranomaly

9.7070, 6.8321, 13.1190

Tritanomaly

13.5896, 7.6960, 6.0794

Monochromacy



Original Color

15.2983, 7.8456, 14.0726

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

7.3942, 5.1536, 8.1944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2983, 7.8456, 14.0726 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 15, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 15, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.2983, 7.8456, 14.0726 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, 105) }
```


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

```
.border{ border-color:rgb(150, 15, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 15, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 15, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 15,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2983, 7.8456, 14.0726 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, 105) }
```

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

```
.background{ background-color: rgb(150, 15,  
105) }
```

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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