

Converting Colors

XYZ(15.0441, 6.9897, 35.3006)

Have a look what the booklet for
XYZ(15.0441, 6.9897, 35.3006)
contains.

XYZ(15.0683, 7.0043, 35.2081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0683, 7.0043,
35.2081)**

Conversions

Conversions Part 1

Format	Color
Hex	7D00A3
RGB	125, 0, 163
RGB Percent	49%, 0%, 64%
CMY	0.5098, 1.0000, 0.3608
CMYK	0.23, 1.00, 0.00, 0.36
HSL	286°, 100%, 32%
HSV	286°, 100%, 64%
XYZ	15.0683, 7.0043, 35.2081
YIQ	55.9570, 22.1770, 77.1930

Conversions

Conversions Part 2

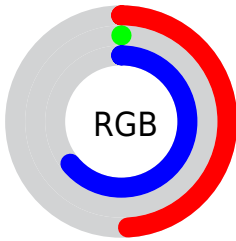
Format	Color
RYB	125, 0, 163
Decimal	8192163
CIELab	31.82, 64.50, -54.83
CIELCh	32, 84.660, 319.634
Yxy	7.0043, 0.2631, 0.1223
Android (android.graphics.Color)	4286382243 (0xFF7D00A3)
YUV	55.9570, 52.7722, 60.5507
Hunter-Lab	26.4656, 55.3147, -60.3495

Details

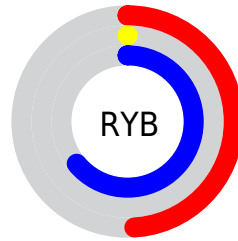
The XYZ color **15.0683, 7.0043, 35.2081** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **13.8967, 26.6066, 4.4033**, and the grayscale version is **3.6862, 3.8782, 4.2234**.

A 20% lighter version of the original color is **34.5264, 19.9571, 69.0502**, and **5.2687, 2.3910, 14.9357** is the 20% darker color. If you saturate the color by 10%, you get **15.0685, 7.0044, 35.2082**, and if you desaturate by 10%, it is **15.8239, 7.6756, 35.2980**.

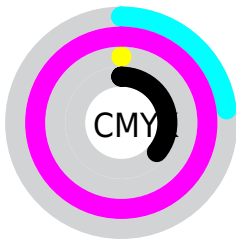
Distribution



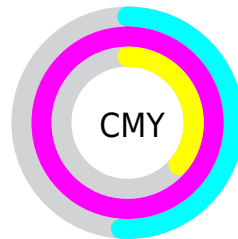
- Red (49%)
- Green (0%)
- Blue (64%)



- Red (49%)
- Yellow (0%)
- Blue (64%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)





- Cyan (51%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0683, 7.0043, 35.2081 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 15.0683, 7.0043, 35.2081 by changing the saturation by 10% instead.


 15.0683, 7.0043,
35.2081


 15.0683, 7.0043,
35.2081


217.1594,
167.6994, 340.4180


 8.9540, 3.4648,
23.5384


 34.5436, 19.9819,
68.9632


 4.7680, 1.3789,
14.7825


 48.6353, 30.1887,
91.8858


 2.1452, 0.2011,
8.5220


 66.1169, 43.3868,
119.3963

 0.7136, 0.0000,
4.3382

 87.3536, 59.9605,
151.9134

 0.0000, 0.0000,
1.8127

 112.7108, 80.2942,
189.8555

 0.0000, 0.0000,
0.4363

 142.5540,

 0.0000, 0.0000,

104.7723, 233.6414

0.0000

177.2484,
133.7793, 283.6893

15.0683, 7.0043,
35.2081

15.0683, 7.0043,
35.2081

15.0685, 7.0044,
35.2082

15.8239, 7.6756,
35.2980

16.7539, 8.6644,
35.4398

17.9239, 10.1009,
35.6554

19.3622, 12.0414,
35.9542

21.0928, 14.5339,
36.3441

■ 23.1371, 17.6205,
36.8321

■ 25.5144, 21.3395,
37.4246

■ 28.2421, 25.7257,
38.1275

■ 31.3367, 30.8115,
38.9460

Harmonies

Analogous

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



9.8118, 7.0043, 58.0590



15.0683, 7.0043, 35.2081



18.4271, 7.0043, 12.6835

Triad

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



15.0683, 7.0043, 35.2081



8.2454, 7.0043, 0.0000



1.5344, 7.0043, 18.5582

Complementary

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



15.0683, 7.0043, 35.2081



13.8967, 26.6066, 4.4033

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.



1.4090, 7.0043, 4.1319



15.0683, 7.0043, 35.2081



4.2638, 7.0043, 0.0000

Square

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



15.0683, 7.0043, 35.2081



13.5096, 7.0043, 0.0000



2.1589, 7.0043, 0.0017



2.6322, 7.0043, 43.1869

Rectangle

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



15.0683, 7.0043, 35.2081



18.4630, 7.0043, 4.3316



2.1589, 7.0043, 0.0017



1.4026, 7.0043, 12.2727

Sweetspot

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



15.0687, 7.0046, 35.2083



45.4399, 37.8141, 66.9600



7.3052, 4.0329, 35.0439



9.8083, 7.8669, 14.9390



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.



15.0687, 7.0046, 35.2083



26.8028, 12.4496, 63.0465



18.4663, 9.1314, 18.4108



7.2022, 7.1186, 8.8975



11.7521, 5.4649, 27.3652



0.2843, 0.1341, 0.5768

Inverse Universe

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



15.4542, 7.9266, 2.5494



27.6122, 14.1697, 4.2233



13.5420, 26.3724, 6.7076



7.1383, 7.1118, 7.7147



12.0259, 6.1664, 2.0611



0.2695, 0.1363, 0.1316

Previews

White Background



This preview shows how the XYZ color 15.0683, 7.0043, 35.2081 looks on a white background.

Color Contrast Check

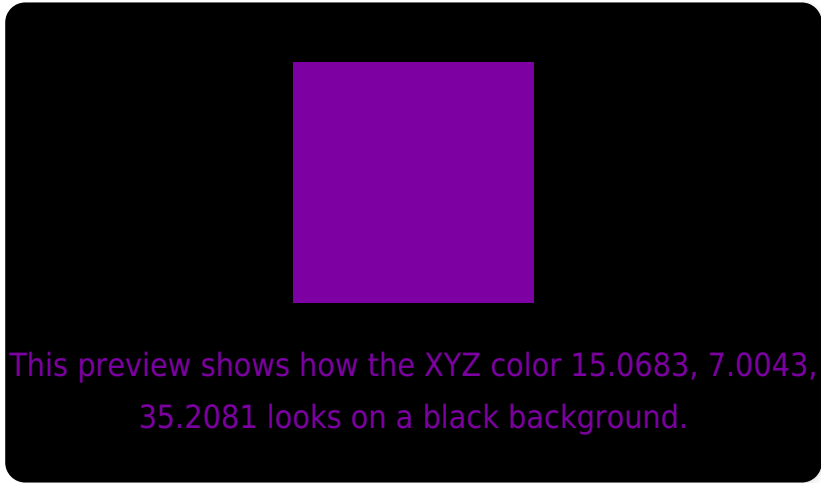
Large Text (above 18pt) WCAG AA ✓ Pass

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

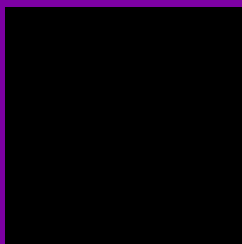
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0683, 7.0043, 35.2081

Background



This preview shows how black text looks on a background with the XYZ color 15.0683, 7.0043, 35.2081.



This preview shows how white text looks on a background with the XYZ color 15.0683, 7.0043,

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

15.0683, 7.0043, 35.2081

Protanopia

8.6876, 7.5008, 33.3377

Deuteranopia

7.4561, 7.5723, 25.1134



Tritanopia

9.4323, 7.4637, 6.4123

Trichromacy



Original Color

15.0683, 7.0043, 35.2081

Protanomaly

8.4843, 5.2099, 33.8161

Deuteranomaly

7.5325, 5.0321, 28.1781

Tritanomaly

10.4436, 6.2782, 13.4933

Monochromacy



Original Color

15.0683, 7.0043, 35.2081

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.0898, 3.8373, 11.2462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0683, 7.0043, 35.2081 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(125, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 163)  
}
```

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(125, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 163) }
```

Border

The CSS property to change the border of an element to XYZ 15.0683, 7.0043, 35.2081 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(125, 0, 163) }
```


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

```
.border{ border-color:rgb(125, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(125, 0,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0683, 7.0043, 35.2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 163) }
```

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

```
.background{ background-color: rgb(125, 0,  
163) }
```

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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