

Converting Colors

XYZ(14.7359, 7.3076, 39.0170)

Have a look what the booklet for
XYZ(14.7359, 7.3076, 39.0170)
contains.

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Color

**XYZ(14.7903, 7.3239,
39.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	731AAB
RGB	115, 26, 171
RGB Percent	45%, 10%, 67%
CMY	0.5490, 0.8980, 0.3294
CMYK	0.33, 0.85, 0.00, 0.33
HSL	277°, 74%, 39%
HSV	277°, 85%, 67%
XYZ	14.7903, 7.3239, 39.1622
YIQ	69.1410, 6.4990, 63.9630

Conversions

Conversions Part 2

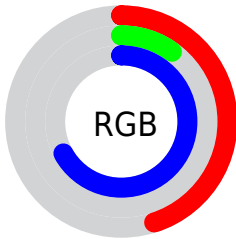
Format	Color
R_{YB}	115, 26, 171
Decimal	7543467
CIE _{Lab}	32.53, 59.74, -58.55
CIE _{LCh}	33, 83.652, 315.575
Yxy	7.3239, 0.2414, 0.1195
Android (android.graphics.Color)	4285733547 (0xFF731AAB)
YUV	69.1410, 50.2165, 40.2183
Hunter-Lab	27.0627, 50.1940, -66.8541

Details

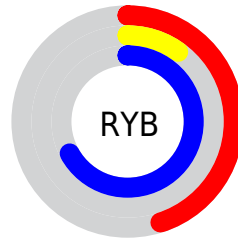
The XYZ color **14.7903, 7.3239, 39.1622** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **18.2291, 30.9943, 5.9991**, and the grayscale version is **5.5998, 5.8914, 6.4157**.

A 20% lighter version of the original color is **34.0487, 20.6574, 74.8657**, and **4.9558, 2.1839, 16.9900** is the 20% darker color. If you saturate the color by 10%, you get **13.6803, 6.3467, 39.0322**, and if you desaturate by 10%, it is **16.1887, 8.7843, 39.3705**.

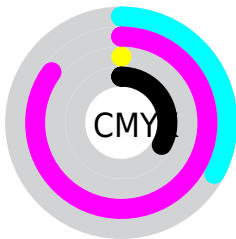
Distribution



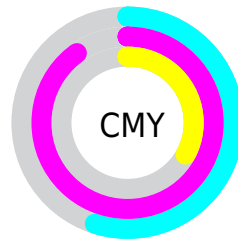
- Red (45%)
- Green (10%)
- Blue (67%)



- Red (45%)
- Yellow (10%)
- Blue (67%)



- Cyan (33%)
- Magenta (85%)
- Yellow (0%)
- Black (33%)




- Cyan (55%)
- Magenta (90%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7903, 7.3239, 39.1622 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 14.7903, 7.3239, 39.1622 by changing the saturation by 10% instead.


 14.7903, 7.3239,
39.1622


 14.7903, 7.3239,
39.1622


215.5071,
170.3286, 358.0261


 8.7577, 3.6655,
26.5771


 34.0596, 20.6219,
75.1091


 4.6393, 1.4883,
17.0263


 48.0269, 31.0303,
99.3080


 2.0698, 0.2804,
10.0911


 65.3700, 44.4574,
128.2153

 0.6727, 0.0000,
5.3530

 86.4540, 61.2877,
162.2495

 0.0000, 0.0000,
2.3935

 111.6443, 81.9056,
201.8291

 0.0000, 0.0000,
0.7829

 141.3064,

 0.0000, 0.0000,

106.6954, 247.3728

0.0000

175.8055,
136.0416, 299.2989

■ 14.7903, 7.3239,
39.1622

■ 14.7903, 7.3239,
39.1622

■ 13.6803, 6.3467,
39.0322

■ 16.1887, 8.7843,
39.3705

■ 13.1718, 5.9412,
38.9808

■ 17.9109, 10.7987,
39.6686

■ 19.9876, 13.4259,
40.0662

■ 22.4450, 16.7168,
40.5719

■ 25.3068, 20.7169,
41.1932

■ 28.5945, 25.4677,
41.9369

■ 32.3281, 31.0072,
42.8094

■ 36.5259, 37.3710,
43.8164

■ 41.2055, 44.5923,
44.9636

Harmonies

Analogous

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



9.4527, 7.3239, 60.3190



14.7903, 7.3239, 39.1622



18.5851, 7.3239, 15.5392

Triad

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



14.7903, 7.3239, 39.1622



9.2556, 7.3239, 0.0000



1.6177, 7.3239, 16.2737

Complementary

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



14.7903, 7.3239, 39.1622



18.2291, 30.9943, 5.9991

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.



1.6013, 7.3239, 3.3772



14.7903, 7.3239, 39.1622



4.9511, 7.3239, 0.0000

Square

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



14.7903, 7.3239, 39.1622



14.5953, 7.3239, 0.0000



2.5383, 7.3239, 0.0000



2.5993, 7.3239, 40.1509

Rectangle

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



14.7903, 7.3239, 39.1622



19.0191, 7.3239, 5.8694



2.5383, 7.3239, 0.0000



1.5188, 7.3239, 10.5308

Sweetspot

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



14.7907, 7.3241, 39.1624



50.8061, 45.0182, 75.0135



10.9472, 9.5007, 39.7851



10.8662, 9.3641, 16.6224



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



14.7907, 7.3241, 39.1624



23.3461, 10.5146, 69.8009



23.2073, 11.8141, 32.7323



8.0330, 7.9913, 10.0718



9.9897, 4.5097, 29.3885



0.3366, 0.1557, 0.8203

Inverse Universe

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



18.6871, 10.0060, 8.9290



31.7450, 16.1726, 10.1846



15.3806, 29.5022, 6.9364



8.1285, 8.0646, 8.9874



13.4270, 6.8333, 4.6280



0.4008, 0.2010, 0.2722

Previews

White Background



This preview shows how the XYZ color 14.7903, 7.3239, 39.1622 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

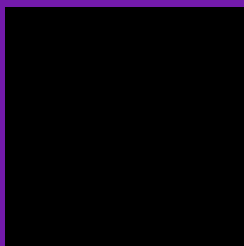
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7903, 7.3239, 39.1622

Background



This preview shows how black text looks on a background with the XYZ color 14.7903, 7.3239, 39.1622.



This preview shows how white text looks on a background with the XYZ color 14.7903, 7.3239,

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

14.7903, 7.3239, 39.1622

Protanopia

8.6876, 7.5008, 33.3377

Deuteranopia

7.3840, 7.5435, 24.7338



Tritanopia

8.4972, 7.4850, 7.6535

Trichromacy



Original Color

14.7903, 7.3239, 39.1622



Protanomaly

9.0288, 6.0628, 35.3447



Deuteranomaly

7.9955, 5.8939, 29.1500



Tritanomaly

9.8426, 6.7072, 15.5277

Monochromacy



Original Color

14.7903, 7.3239, 39.1622



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

7.7124, 5.5652, 14.3034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7903, 7.3239, 39.1622 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(115, 26, 171)` looks like.

```
.text, #text, p{  
    color:rgb(115, 26, 171)  
}
```

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(115, 26, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 26, 171) }
```

Border

The CSS property to change the border of an element to XYZ 14.7903, 7.3239, 39.1622 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(115, 26, 171) }
```


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

```
.border{ border-color:rgb(115, 26, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 26, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 26, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 26, 171);  
box-shadow:4px 4px 4px 4px rgb(115, 26,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7903, 7.3239, 39.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 26, 171) }
```

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

```
.background{ background-color: rgb(115, 26,  
171) }
```

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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