

Converting Colors

XYZ(15.3864, 7.3810, 29.5469)

Have a look what the booklet for
XYZ(15.3864, 7.3810, 29.5469)
contains.

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Color

**XYZ(15.3908, 7.3789,
29.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	860596
RGB	134, 5, 150
RGB Percent	53%, 2%, 59%
CMY	0.4745, 0.9804, 0.4118
CMYK	0.11, 0.97, 0.00, 0.41
HSL	293°, 94%, 30%
HSV	293°, 97%, 59%
XYZ	15.3908, 7.3789, 29.4672
YIQ	60.1010, 30.3390, 72.4430

Conversions

Conversions Part 2

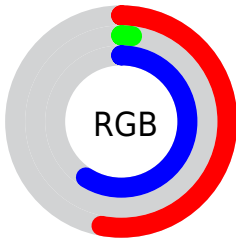
Format	Color
RYB	134, 5, 150
Decimal	8783254
CIELab	32.65, 62.81, -45.48
CIELCh	33, 77.548, 324.092
Yxy	7.3789, 0.2946, 0.1413
Android (android.graphics.Color)	4286973334 (0xFF860596)
YUV	60.1010, 44.3202, 64.8094
Hunter-Lab	27.1641, 53.5983, -45.3019

Details

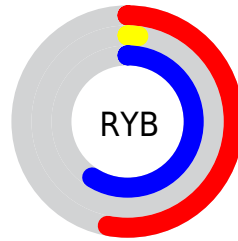
The XYZ color **15.3908, 7.3789, 29.4672** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **11.2433, 21.9833, 3.7945**, and the grayscale version is **4.2473, 4.4685, 4.8662**.

A 20% lighter version of the original color is **35.1592, 20.7919, 59.9178**, and **5.4291, 2.5441, 11.7602** is the 20% darker color. If you saturate the color by 10%, you get **15.2488, 7.2251, 29.4451**, and if you desaturate by 10%, it is **15.8530, 7.9082, 29.5451**.

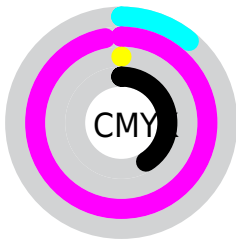
Distribution



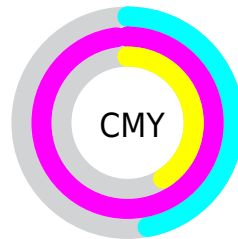
- Red (53%)
- Green (2%)
- Blue (59%)



- Red (53%)
- Yellow (2%)
- Blue (59%)



- Cyan (11%)
- Magenta (97%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (98%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3908, 7.3789, 29.4672 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 15.3908, 7.3789, 29.4672 by changing the saturation by 10% instead.


 15.3908, 7.3789,
29.4672


 15.3908, 7.3789,
29.4672


219.0614,
170.7760, 313.5426


 9.1822, 3.7002,
19.1859


 35.1034, 20.7315,
59.8696


 4.9183, 1.5073,
11.6265


 49.3381, 31.1742,
80.8277


 2.2337, 0.2939,
6.3705

 66.9788, 44.6402,
106.1820

 0.7604, 0.0000,
2.9992

 88.3911, 61.5142,
136.3508

 0.0000, 0.0000,
1.0942

 113.9401, 82.1803,
171.7527

 0.0000, 0.0000,
0.0000


 143.9912,


107.0230, 212.8063

 178.9099,
136.4268, 259.9301

 15.3908, 7.3789,
29.4672


 15.3908, 7.3789,
29.4672


 15.2488, 7.2251,
29.4451

 15.8530, 7.9082,
29.5451

 16.4741, 8.7494,
29.6748

 17.2880, 9.9702,
29.8675

 18.3163, 11.6135,
30.1305

 19.5774, 13.7162,
30.4699

■ 21.0880, 16.3115,
30.8912

■ 22.8630, 19.4294,
31.3995

■ 24.9162, 23.0974,
31.9993

■ 27.2605, 27.3413,
32.6948

Harmonies

Analogous

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



10.6929, 7.3789, 50.3691



15.3908, 7.3789, 29.4672



17.9476, 7.3789, 10.5528

Triad

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



15.3908, 7.3789, 29.4672



7.8450, 7.3789, 0.0000



2.0388, 7.3789, 20.9940

Complementary

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



15.3908, 7.3789, 29.4672



11.2433, 21.9833, 3.7945

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.



1.7721, 7.3789, 5.9523



15.3908, 7.3789, 29.4672



4.2928, 7.3789, 0.0000

Square

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



15.3908, 7.3789, 29.4672



12.6373, 7.3789, 0.0000



2.4107, 7.3789, 0.7565



3.3685, 7.3789, 42.9674

Rectangle

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



15.3908, 7.3789, 29.4672



17.5892, 7.3789, 3.7386



2.4107, 7.3789, 0.7565



1.8502, 7.3789, 14.7725

Sweetspot

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



15.3911, 7.3792, 29.4674



39.3863, 32.5883, 55.1355



5.8532, 2.8053, 29.0872



8.4599, 6.7499, 12.1418



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.



15.3911, 7.3792, 29.4674



26.8197, 12.7038, 51.9598



14.6714, 7.4085, 11.3457



5.9730, 5.8770, 7.2893



12.6636, 6.0009, 24.4219



0.1695, 0.0809, 0.2996

Inverse Universe

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



12.7675, 6.6470, 1.3200



22.3358, 11.4985, 1.7705



11.8004, 22.1776, 8.0159



5.8253, 5.8252, 6.1861



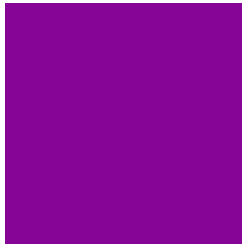
10.5193, 5.4128, 0.9496



0.1338, 0.0683, 0.0384

Previews

White Background



This preview shows how the XYZ color 15.3908, 7.3789, 29.4672 looks on a white background.

Color Contrast Check

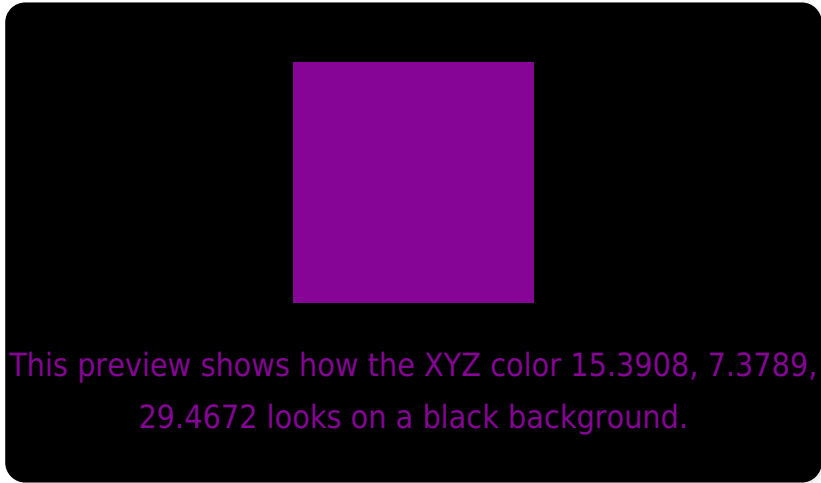
Large Text (above 18pt) WCAG AA ✓ Pass

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

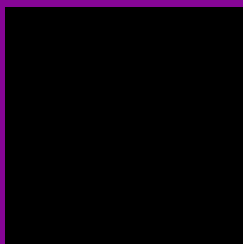
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3908, 7.3789, 29.4672

Background



This preview shows how black text looks on a background with the XYZ color 15.3908, 7.3789, 29.4672.



This preview shows how white text looks on a background with the XYZ color 15.3908, 7.3789,

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

15.3908, 7.3789, 29.4672

Protanopia

9.1755, 7.9164, 35.2268

Deuteranopia

8.0594, 7.9674, 26.3124



Tritanopia

10.6295, 7.6978, 5.6282

Trichromacy



Original Color

15.3908, 7.3789, 29.4672

Protanomaly

8.6220, 5.4892, 32.9529

Deuteranomaly

8.2938, 5.5840, 27.0262

Tritanomaly

11.5435, 6.7893, 11.5285

Monochromacy



Original Color

15.3908, 7.3789, 29.4672

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.6651, 4.3341, 10.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3908, 7.3789, 29.4672 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(134, 5, 150)` looks like.

```
.text, #text, p{  
    color:rgb(134, 5, 150)  
}
```

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(134, 5, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 5, 150) }
```

Border

The CSS property to change the border of an element to XYZ 15.3908, 7.3789, 29.4672 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(134, 5, 150) }
```


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

```
.border{ border-color:rgb(134, 5, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 5, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 5, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 5, 150);  
box-shadow:4px 4px 4px 4px rgb(134, 5,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3908, 7.3789, 29.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 5, 150) }
```

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

```
.background{ background-color: rgb(134, 5,  
150) }
```

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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