

Converting Colors

XYZ(15.3475, 11.7874, 29.8799)

Have a look what the booklet for
XYZ(15.3475, 11.7874, 29.8799)
contains.

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Color

**XYZ(15.3815, 11.7819,
29.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	725295
RGB	114, 82, 149
RGB Percent	45%, 32%, 58%
CMY	0.5529, 0.6784, 0.4157
CMYK	0.23, 0.45, 0.00, 0.42
HSL	269°, 29%, 45%
HSV	269°, 45%, 58%
XYZ	15.3815, 11.7819, 29.8972
YIQ	99.2060, -2.4350, 27.6210

Conversions

Conversions Part 2

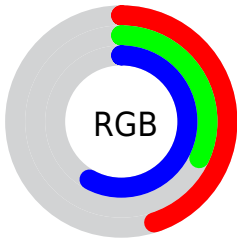
Format	Color
R_{YB}	114, 82, 149
Decimal	7492245
CIE _{Lab}	40.87, 27.36, -31.95
CIE _{LCh}	41, 42.058, 310.573
Yxy	11.7819, 0.2696, 0.2065
Android (android.graphics.Color)	4285682325 (0xFF725295)
YUV	99.2060, 24.5484, 12.9743
Hunter-Lab	34.3248, 19.9205, -27.6148

Details

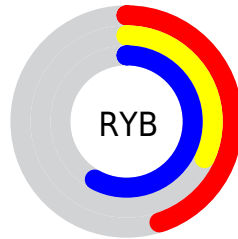
The XYZ color **15.3815, 11.7819, 29.8972** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6069, 25.8863, 11.9462**, and the grayscale version is **11.8525, 12.4697, 13.5795**.

A 20% lighter version of the original color is **34.9671, 29.0298, 60.2603**, and **4.9498, 3.2336, 11.9185** is the 20% darker color. If you saturate the color by 10%, you get **13.4079, 9.2739, 29.5173**, and if you desaturate by 10%, it is **17.6862, 14.8232, 30.3630**.

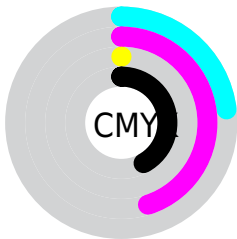
Distribution



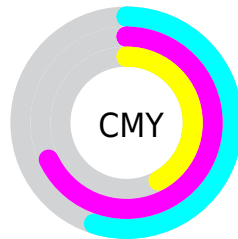
- Red (45%)
- Green (32%)
- Blue (58%)



- Red (45%)
- Yellow (32%)
- Blue (58%)



- Cyan (23%)
- Magenta (45%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3815, 11.7819, 29.8972 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 15.3815, 11.7819, 29.8972 by changing the saturation by 10% instead.

■ 15.3815, 11.7819,
29.8972

■ 15.3815, 11.7819,
29.8972

219.0067,
202.9560, 315.6174

■ 9.1756, 6.5953,
19.5092

■ 35.0873, 29.0973,
60.5587

■ 4.9139, 3.2103,
11.8583

■ 49.3178, 41.9948,
81.6692

■ 2.2311, 1.2425,
6.5259

■ 66.9541, 58.2316,
107.1909

■ 0.7590, 0.0960,
3.0935

■ 88.3612, 78.1918,
137.5425

■ 0.0000, 0.0000,
1.1426

■ 113.9047,
102.2600, 173.1424

■ 0.0000, 0.0000,
0.0000

143.9499,

130.8205, 214.4091

178.8621,
164.2577, 261.7613

■ 15.3815, 11.7819,
29.8972

■ 15.3815, 11.7819,
29.8972

■ 13.4079, 9.2739,
29.5173

■ 17.6862, 14.8232,
30.3630

■ 11.7459, 7.2649,
29.2172

■ 20.3371, 18.4265,
30.9187

■ 10.3759, 5.7184,
28.9909

■ 23.3502, 22.6201,
31.5694

■ 9.2751, 4.5922,
28.8315

■ 26.7398, 27.4299,
32.3191

■ 8.4145, 3.8320,
28.7301

■ 30.5195, 32.8803,
33.1719

■ 8.0355, 3.5158,
28.6891

■ 34.7021, 38.9943,
34.1316

■ 39.2998, 45.7937,
35.2017

■ 44.3244, 53.2994,
36.3856

■ 49.7871, 61.5313,
37.6866

Harmonies

Analogous

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



12.2897, 11.7819, 36.8613



15.3815, 11.7819, 29.8972



17.5615, 11.7819, 19.1398

Triad

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



15.3815, 11.7819, 29.8972



13.2270, 11.7819, 2.7087



6.4340, 11.7819, 16.1023

Complementary

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



15.3815, 11.7819, 29.8972



19.6069, 25.8863, 11.9462

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.



6.5944, 11.7819, 8.0839



15.3815, 11.7819, 29.8972



10.1736, 11.7819, 2.4814

Square

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



15.3815, 11.7819, 29.8972



16.1722, 11.7819, 4.8082



7.8520, 11.7819, 3.9310



7.3658, 11.7819, 26.8402

Rectangle

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



15.3815, 11.7819, 29.8972



18.0078, 11.7819, 12.6640



7.8520, 11.7819, 3.9310



6.3667, 11.7819, 12.9943

Sweetspot

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



15.3819, 11.7824, 29.8975



42.8014, 41.8958, 56.7521



15.3519, 16.8583, 30.8788



9.2257, 8.9191, 12.5201



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.



15.3819, 11.7824, 29.8975



23.9692, 16.5557, 52.8535



20.4332, 14.3864, 30.1339



5.7472, 5.7607, 7.2787



6.7969, 2.9765, 24.1473



0.1169, 0.0538, 0.2971

Inverse Universe

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



18.6229, 13.7089, 18.4945



30.8016, 20.6203, 28.6689



15.9479, 24.0000, 11.7750



5.9197, 5.8630, 6.6834



11.5992, 5.8447, 6.6362



0.1569, 0.0775, 0.1597

Previews

White Background



This preview shows how the XYZ color 15.3815, 11.7819, 29.8972 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 × Fail

Black Background



This preview shows how the XYZ color 15.3815, 11.7819, 29.8972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3815, 11.7819, 29.8972

Background



This preview shows how black text looks on a background with the XYZ color 15.3815, 11.7819, 29.8972.



This preview shows how white text looks on a background with the XYZ color 15.3815, 11.7819,

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

15.3815, 11.7819, 29.8972

Protanopia

12.8737, 11.8456, 34.8656

Deuteranopia

12.1188, 11.8575, 28.8441



Tritanopia

12.0403, 11.7521, 13.6904

Trichromacy



Original Color

15.3815, 11.7819, 29.8972

Protanomaly

13.4947, 11.6911, 32.9978

Deuteranomaly

13.0320, 11.6635, 29.1682

Tritanomaly

13.0267, 11.6409, 18.6999

Monochromacy



Original Color

15.3815, 11.7819, 29.8972

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8342, 12.0561, 18.4803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3815, 11.7819, 29.8972 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(114, 82, 149)` looks like.

```
.text, #text, p{  
    color:rgb(114, 82, 149)  
}
```

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(114, 82, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 82, 149) }
```

Border

The CSS property to change the border of an element to XYZ 15.3815, 11.7819, 29.8972 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(114, 82, 149) }
```


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

```
.border{ border-color:rgb(114, 82, 149) }
```

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

Here you see how a box with a 4 pixel rgb(114, 82, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 82, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 82, 149);  
box-shadow:4px 4px 4px 4px rgb(114, 82,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3815, 11.7819, 29.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 82, 149) }
```

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

```
.background{ background-color: rgb(114, 82,  
149) }
```

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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