

Converting Colors

XYZ(15.2111, 11.6616, 27.0350)

Have a look what the booklet for
XYZ(15.2111, 11.6616, 27.0350)
contains.

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Color

**XYZ(15.1610, 11.6198,
27.0349)**

Conversions

Conversions Part 1

Format	Color
Hex	75518E
RGB	117, 81, 142
RGB Percent	46%, 32%, 56%
CMY	0.5412, 0.6823, 0.4431
CMYK	0.18, 0.43, 0.00, 0.44
HSL	275°, 27%, 44%
HSV	275°, 43%, 56%
XYZ	15.1610, 11.6198, 27.0349
YIQ	98.7180, 1.8750, 26.6030

Conversions

Conversions Part 2

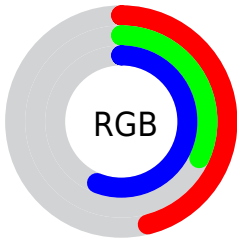
Format	Color
R_{YB}	117, 81, 142
Decimal	7688590
CIE _{Lab}	40.61, 27.18, -28.11
CIE _{LCh}	41, 39.098, 314.033
Yxy	11.6198, 0.2817, 0.2159
Android (android.graphics.Color)	4285878670 (0xFF75518E)
YUV	98.7180, 21.3380, 16.0333
Hunter-Lab	34.0878, 19.7365, -23.1611

Details

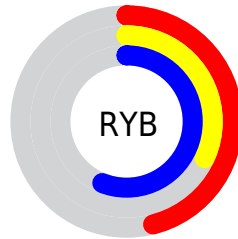
The XYZ color **15.1610, 11.6198, 27.0349** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1025, 23.0045, 11.3241**, and the grayscale version is **11.7371, 12.3483, 13.4473**.

A 20% lighter version of the original color is **34.6577, 28.7642, 55.9499**, and **4.8041, 3.1507, 10.2525** is the 20% darker color. If you saturate the color by 10%, you get **13.4563, 9.3352, 26.6840**, and if you desaturate by 10%, it is **17.1358, 14.3718, 27.4622**.

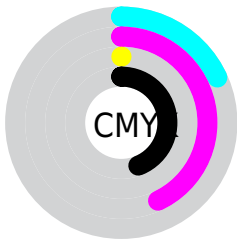
Distribution



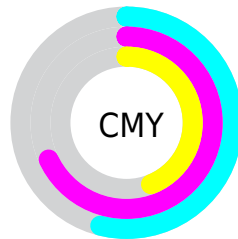
- Red (46%)
- Green (32%)
- Blue (56%)



- Red (46%)
- Yellow (32%)
- Blue (56%)



- Cyan (18%)
- Magenta (43%)
- Yellow (0%)
- Black (44%)



- Cyan (54%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1610, 11.6198, 27.0349 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 15.1610, 11.6198, 27.0349 by changing the saturation by 10% instead.

■ 15.1610, 11.6198,
27.0349

■ 15.1610, 11.6198,
27.0349

217.7078,
201.8718, 301.5916

■ 9.0195, 6.4854,
17.3668

■ 34.7047, 28.8007,
55.9443

■ 4.8111, 3.1424,
10.3316

■ 48.8377, 41.6160,
76.0226

■ 2.1705, 1.2065,
5.5109

■ 66.3651, 57.7603,
100.4081

■ 0.7271, 0.0670,
2.4861

■ 87.6525, 77.6181,
129.5193

■ 0.0000, 0.0000,
0.8328

■ 113.0650,
101.5738, 163.7746

■ 0.0000, 0.0000,
0.0000

142.9682,

130.0117, 203.5928

177.7273,
163.3162, 249.3923

■ 15.1610, 11.6198,
27.0349

■ 15.1610, 11.6198,
27.0349

■ 13.4563, 9.3352,
26.6840

■ 17.1358, 14.3718,
27.4622

■ 12.0058, 7.4883,
26.4039

■ 19.3930, 17.6155,
27.9693

■ 10.7936, 6.0484,
26.1899

■ 21.9456, 21.3752,
28.5605

■ 9.8010, 4.9797,
26.0359

■ 24.8052, 25.6733,
29.2394

■ 9.0063, 4.2401,
25.9350

■ 27.9831, 30.5306,
30.0095

■ 8.5210, 3.8287,
25.8812

■ 31.4895, 35.9670,
30.8740

■ 35.3346, 42.0012,
31.8360

■ 39.5278, 48.6513,
32.8986

■ 44.0783, 55.9344,
34.0646

Harmonies

Analogous

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



12.3824, 11.6198, 33.8802



15.1610, 11.6198, 27.0349



16.9757, 11.6198, 17.3127

Triad

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



15.1610, 11.6198, 27.0349



12.5701, 11.6198, 2.9407



6.6526, 11.6198, 16.7088

Complementary

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



15.1610, 11.6198, 27.0349



17.1025, 23.0045, 11.3241

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.



6.6857, 11.6198, 8.9132



15.1610, 11.6198, 27.0349



9.8062, 11.6198, 2.8907

Square

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



15.1610, 11.6198, 27.0349



15.3181, 11.6198, 4.7528



7.7496, 11.6198, 4.5663



7.6500, 11.6198, 26.4373

Rectangle

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



15.1610, 11.6198, 27.0349



17.2322, 11.6198, 11.6124



7.7496, 11.6198, 4.5663



6.5495, 11.6198, 13.7518

Sweetspot

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



15.1614, 11.6203, 27.0352



38.5493, 37.4705, 50.3286



13.4734, 14.0970, 27.6022



8.4023, 8.0607, 11.1925



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.1614, 11.6203, 27.0352



23.6942, 16.4163, 47.0477



18.6075, 13.4399, 25.2492



5.4154, 5.4023, 6.7861



7.6718, 3.4485, 23.2384



0.0984, 0.0459, 0.2233

Inverse Universe

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



16.6997, 12.6768, 15.2030



27.0192, 18.6805, 22.3480



14.7498, 21.7688, 12.2467



5.4948, 5.4584, 6.1035



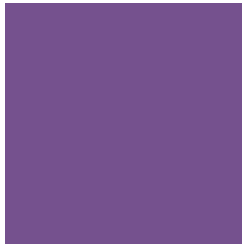
10.7148, 5.4429, 4.1495



0.1129, 0.0562, 0.0949

Previews

White Background



This preview shows how the XYZ color 15.1610, 11.6198, 27.0349 looks on a white background.

Color Contrast Check

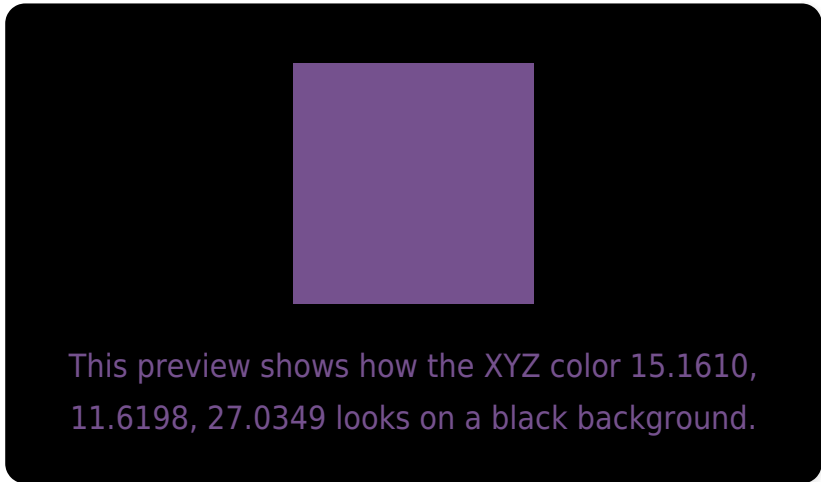
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

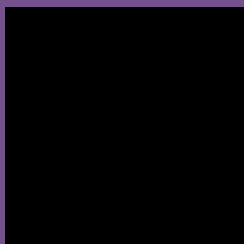
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1610, 11.6198, 27.0349

Background



This preview shows how black text looks on a background with the XYZ color 15.1610, 11.6198, 27.0349.



This preview shows how white text looks on a background with the XYZ color 15.1610, 11.6198,

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

15.1610, 11.6198, 27.0349

Protanopia

12.5001, 11.7218, 31.7407

Deuteranopia

11.9769, 11.7108, 26.0553



Tritanopia

12.3761, 11.6790, 13.1573

Trichromacy



Original Color

15.1610, 11.6198, 27.0349

Protanomaly

13.1170, 11.4385, 29.9503

Deuteranomaly

12.9040, 11.5329, 26.3569

Tritanomaly

13.2555, 11.5420, 17.4488

Monochromacy



Original Color

15.1610, 11.6198, 27.0349

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8655, 11.9563, 17.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1610, 11.6198, 27.0349 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(117, 81, 142)` looks like.

```
.text, #text, p{  
    color:rgb(117, 81, 142)  
}
```

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(117, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 81, 142) }
```

Border

The CSS property to change the border of an element to XYZ 15.1610, 11.6198, 27.0349 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(117, 81, 142) }
```


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

```
.border{ border-color:rgb(117, 81, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 81, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(117, 81,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1610, 11.6198, 27.0349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 81, 142) }
```

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

```
.background{ background-color: rgb(117, 81,  
142) }
```

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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