

Converting Colors

XYZ(27.2962, 15.7140, 92.0395)

Have a look what the booklet for
XYZ(27.2962, 15.7140, 92.0395)
contains.

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Color

**XYZ(27.3118, 15.7216,
92.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	774AFA
RGB	119, 74, 250
RGB Percent	47%, 29%, 98%
CMY	0.5333, 0.7098, 0.0196
CMYK	0.52, 0.70, 0.00, 0.02
HSL	255°, 95%, 64%
HSV	255°, 70%, 98%
XYZ	27.3118, 15.7216, 92.0376
YIQ	107.5190, -29.6760, 64.2760

Conversions

Conversions Part 2

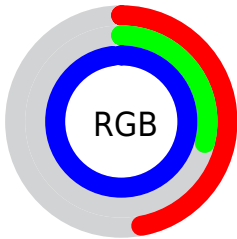
Format	Color
R_{YB}	119, 74, 250
Decimal	7817978
CIE _{Lab}	46.61, 60.09, -81.16
CIE _{LCh}	47, 100.981, 306.514
Yxy	15.7216, 0.2022, 0.1164
Android (android.graphics.Color)	4286008058 (0xFF774AFA)
YUV	107.5190, 70.2431, 10.0688
Hunter-Lab	39.6505, 53.5650, -109.8700

Details

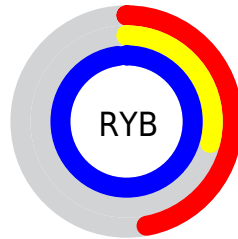
The XYZ color **27.3118, 15.7216, 92.0376** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **60.5971, 81.8443, 19.0822**, and the grayscale version is **13.9366, 14.6624, 15.9673**.

A 20% lighter version of the original color is **44.5669, 31.9655, 98.4288**, and **10.9835, 4.9345, 50.2427** is the 20% darker color. If you saturate the color by 10%, you get **23.6534, 11.8309, 91.4798**, and if you desaturate by 10%, it is **32.1345, 21.1961, 92.8405**.

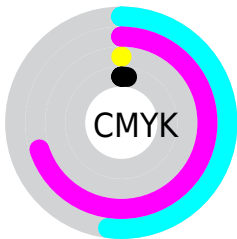
Distribution



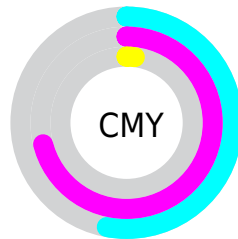
- Red (47%)
- Green (29%)
- Blue (98%)



- Red (47%)
- Yellow (29%)
- Blue (98%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (2%)





- Cyan (53%)
- Magenta (71%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3118, 15.7216, 92.0376 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 27.3118, 15.7216, 92.0376 by changing the saturation by 10% instead.


 27.3118, 15.7216,
92.0376

 27.3118, 15.7216,
92.0376


281.3037,
227.6933, 555.3772


 17.9453, 9.3274,
69.0887


 54.8002, 36.1142,
152.1257


 11.0102, 4.9553,
50.3117


 73.6528, 50.8814,
190.1018


 6.1410, 2.2211,
35.2882


 96.3981, 69.2083,
233.9242

 2.9725, 0.7314,
23.5997

 123.4016, 91.4794,
284.0112

 1.1392, 0.0000,
14.8275

 155.0286,
118.0791, 340.7815

 0.0576, 0.0000,
8.5531

191.6443,

 0.0000, 0.0000,

149.3917, 404.6536

4.3581

233.6143,
185.8016, 476.0460

■ 0.0000, 0.0000,
1.8238

■ 0.0000, 0.0000,
0.4436

■ 27.3118, 15.7216,
92.0376

■ 27.3118, 15.7216,
92.0376

■ 23.6534, 11.8309,
91.4798

■ 32.1345, 21.1961,
92.8405

■ 21.0436, 9.3399,
91.1366

■ 38.2159, 28.4073,
93.9119

■ 19.3651, 7.9898,
90.9644

■ 45.6432, 37.4909,
95.2737

■ 54.4946, 48.5688,
96.9455

64.8421, 61.7522,
98.9447

76.7527, 77.1439,
101.2879

90.2892, 94.8403,
103.9902

94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



16.9280, 15.7216, 122.9610



27.3118, 15.7216, 92.0376



36.2126, 15.7216, 44.2891

Triad

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



27.3118, 15.7216, 92.0376



22.6746, 15.7216, 0.0000



3.7047, 15.7216, 23.1674

Complementary

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



27.3118, 15.7216, 92.0376



60.5971, 81.8443, 19.0822

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.



4.2338, 15.7216, 4.2231



27.3118, 15.7216, 92.0376



13.1195, 15.7216, 0.0000

Square

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



27.3118, 15.7216, 92.0376



32.8864, 15.7216, 1.4918



7.0189, 15.7216, 0.0000



5.1090, 15.7216, 64.5693

Rectangle

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



27.3118, 15.7216, 92.0376



38.7195, 15.7216, 20.2085



7.0189, 15.7216, 0.0000



3.6743, 15.7216, 14.3601

Sweetspot

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



27.3127, 15.7220, 92.0380



67.1082, 63.6722, 103.3607



42.1508, 52.5007, 98.3550



13.6951, 12.7725, 21.9935



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.3127, 15.7220, 92.0380



23.6152, 11.2558, 95.5357



45.1578, 24.9215, 92.8732



16.6990, 16.8575, 21.7590



10.3837, 4.2957, 48.2554



1.0555, 0.4462, 4.4737

Inverse Universe

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



52.8920, 29.6291, 60.6853



52.4778, 27.0128, 57.2301



42.8930, 72.7175, 18.2537



17.7923, 17.4443, 20.7621



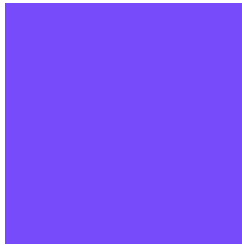
25.6785, 12.6871, 26.0793



2.4211, 1.1922, 2.6410

Previews

White Background



This preview shows how the XYZ color 27.3118, 15.7216, 92.0376 looks on a white background.

Color Contrast Check

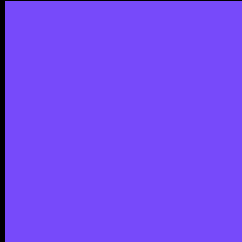
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3118, 15.7216, 92.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

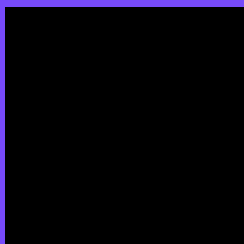
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.3118, 15.7216, 92.0376

Background



This preview shows how black text looks on a background with the XYZ color 27.3118, 15.7216, 92.0376.



This preview shows how white text looks on a background with the XYZ color 27.3118, 15.7216,

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

27.3118, 15.7216, 92.0376

Protanopia

18.6086, 15.6899, 72.5687

Deuteranopia

15.5308, 15.6605, 52.6563



Tritanopia

13.1715, 15.6337, 21.7254

Trichromacy



Original Color

27.3118, 15.7216, 92.0376



Protanomaly

19.7069, 14.4022, 78.8320



Deuteranomaly

17.5957, 14.2923, 65.4496



Tritanomaly

16.5255, 14.5893, 39.9752

Monochromacy



Original Color

27.3118, 15.7216, 92.0376



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

17.2101, 14.3486, 35.1202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3118, 15.7216, 92.0376 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(119, 74, 250)` looks like.

```
.text, #text, p{  
    color:rgb(119, 74, 250)  
}
```

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(119, 74, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 74, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.3118, 15.7216, 92.0376 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(119, 74, 250) }
```


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

```
.border{ border-color:rgb(119, 74, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 74, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 74, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 74, 250);  
box-shadow:4px 4px 4px 4px rgb(119, 74,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3118, 15.7216, 92.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 74, 250) }
```

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

```
.background{ background-color: rgb(119, 74,  
250) }
```

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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