

Converting Colors

XYZ(27.1554, 15.2968, 96.1291)

Have a look what the booklet for
XYZ(27.1554, 15.2968, 96.1291)
contains.

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Color

**XYZ(27.1133, 15.2372,
96.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	7147FF
RGB	113, 71, 255
RGB Percent	44%, 28%, 100%
CMY	0.5568, 0.7216, 0.0000
CMYK	0.56, 0.72, 0.00, 0.00
HSL	254°, 100%, 64%
HSV	254°, 72%, 100%
XYZ	27.1133, 15.2372, 96.1198
YIQ	104.5340, -34.0320, 66.1280

Conversions

Conversions Part 2

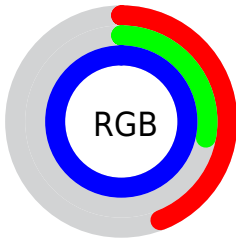
Format	Color
R _Y B	113, 71, 255
Decimal	7423999
CIE _{Lab}	45.96, 62.09, -85.04
CIE _{LCh}	46, 105.288, 306.134
Yxy	15.2372, 0.1958, 0.1100
Android (android.graphics.Color)	4285614079 (0xFF7147FF)
YUV	104.5340, 74.1797, 7.4247
Hunter-Lab	39.0349, 55.6737, -118.6719

Details

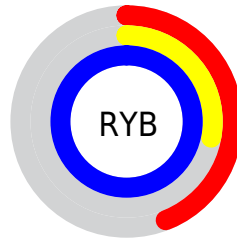
The XYZ color **27.1133, 15.2372, 96.1198** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **64.3356, 86.1199, 19.1930**, and the grayscale version is **13.1156, 13.7986, 15.0267**.

A 20% lighter version of the original color is **43.0375, 30.6160, 98.2489**, and **10.9230, 4.7419, 53.1629** is the 20% darker color. If you saturate the color by 10%, you get **23.5551, 11.4794, 95.5820**, and if you desaturate by 10%, it is **31.9018, 20.6381, 96.9099**.

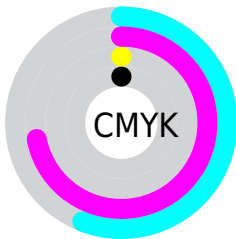
Distribution



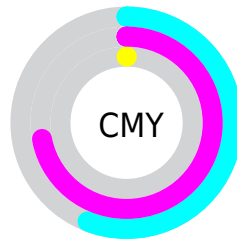
- Red (44%)
- Green (28%)
- Blue (100%)



- Red (44%)
- Yellow (28%)
- Blue (100%)



- Cyan (56%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1133, 15.2372, 96.1198 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 27.1133, 15.2372, 96.1198 by changing the saturation by 10% instead.

■ 27.1133, 15.2372,
96.1198

■ 27.1133, 15.2372,
96.1198

280.3628,
224.7975, 568.8194

■ 17.7954, 8.9860,
72.4653

■ 54.4842, 35.2688,
157.8196

■ 10.9020, 4.7321,
53.0497

■ 73.2679, 49.8179,
196.7020

■ 6.0678, 2.0909,
37.4545

■ 95.9376, 67.9019,
241.4975

■ 2.9274, 0.6595,
25.2610

■ 122.8586, 89.9051,
292.6245

■ 1.1155, 0.0000,
16.0508

■ 154.3962,
116.2118, 350.5017

■ 0.0380, 0.0000,
9.4054

190.9159,

■ 0.0000, 0.0000,

147.2065, 415.5475

4.9061

232.7830,
183.2736, 488.1806

■ 0.0000, 0.0000,
2.1345

■ 0.0000, 0.0000,
0.6362

■ 27.1133, 15.2372,
96.1198

■ 27.1133, 15.2372,
96.1198

■ 23.5551, 11.4794,
95.5820

■ 31.9018, 20.6381,
96.9099

■ 21.0973, 9.1623,
95.2643

■ 38.0265, 27.8494,
97.9790

■ 19.8076, 8.1261,
95.1323

■ 45.5839, 37.0184,
99.3505

■ 54.6608, 48.2767,
101.0451

■ 65.3366, 61.7445,
103.0820

■ 77.6852, 77.5325,
105.4786

■ 91.7756, 95.7440,
108.2511

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



16.3909, 15.2372, 128.7816



27.1133, 15.2372, 96.1198



36.4736, 15.2372, 45.4071

Triad

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



27.1133, 15.2372, 96.1198



22.5774, 15.2372, 0.0000



3.2551, 15.2372, 22.4037

Complementary

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



27.1133, 15.2372, 96.1198



64.3356, 86.1199, 19.1930

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.



3.7869, 15.2372, 3.6053



27.1133, 15.2372, 96.1198



12.7283, 15.2372, 0.0000

Square

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



27.1133, 15.2372, 96.1198



33.1895, 15.2372, 1.2187



6.5481, 15.2372, 0.0000



4.5857, 15.2372, 65.5879

Rectangle

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



27.1133, 15.2372, 96.1198



39.1768, 15.2372, 20.1233



6.5481, 15.2372, 0.0000



3.2333, 15.2372, 13.4978

Sweetspot

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



27.1141, 15.2375, 96.1198



65.5176, 61.9745, 103.1169



44.9828, 57.2283, 103.2831



13.3676, 12.4332, 21.9452



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.



27.1141, 15.2375, 96.1198



22.2362, 10.1916, 95.4029



44.8954, 24.4041, 96.9520



17.3909, 17.5778, 22.7262



10.4558, 4.3006, 49.7136



1.1081, 0.4652, 4.8447

Inverse Universe

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



55.5024, 30.5701, 65.9208



52.7293, 26.7326, 59.7285



45.0847, 76.1957, 18.2921



18.6048, 18.2252, 21.8020



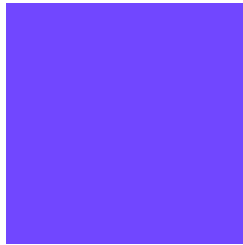
26.8614, 13.2339, 28.9846



2.6566, 1.3050, 3.0393

Previews

White Background



This preview shows how the XYZ color 27.1133, 15.2372, 96.1198 looks on a white background.

Color Contrast Check

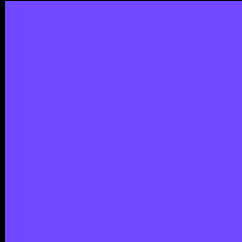
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1133, 15.2372, 96.1198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

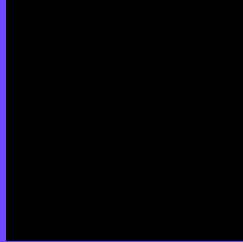
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1133, 15.2372, 96.1198

Background



This preview shows how black text looks on a background with the XYZ color 27.1133, 15.2372, 96.1198.



This preview shows how white text looks on a background with the XYZ color 27.1133, 15.2372,

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

27.1133, 15.2372, 96.1198

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

14.8697, 15.0430, 50.2640



Tritanopia

12.1938, 15.1297, 21.6797

Trichromacy



Original Color

27.1133, 15.2372, 96.1198

Protanomaly

19.4496, 14.0089, 78.7697

Deuteranomaly

17.1076, 13.6413, 64.6821

Tritanomaly

15.5708, 13.9319, 40.8982

Monochromacy



Original Color

27.1133, 15.2372, 96.1198

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.4439, 13.5549, 35.0074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1133, 15.2372, 96.1198 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(113, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 71, 255)  
}
```

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(113, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 71, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.1133, 15.2372, 96.1198 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(113, 71, 255) }
```


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

```
.border{ border-color:rgb(113, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(113, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 71,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1133, 15.2372, 96.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 71, 255) }
```

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

```
.background{ background-color: rgb(113, 71,  
255) }
```

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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