

Converting Colors

XYZ(27.2699, 15.4406, 86.3371)

Have a look what the booklet for
XYZ(27.2699, 15.4406, 86.3371)
contains.

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Color

**XYZ(27.2699, 15.4406,
86.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	8046F3
RGB	128, 70, 243
RGB Percent	50%, 27%, 95%
CMY	0.4980, 0.7255, 0.0471
CMYK	0.47, 0.71, 0.00, 0.05
HSL	260°, 88%, 61%
HSV	260°, 71%, 95%
XYZ	27.2699, 15.4406, 86.3371
YIQ	107.0640, -20.9650, 66.0990

Conversions

Conversions Part 2

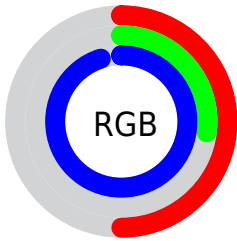
Format	Color
R _{YB}	128, 70, 243
Decimal	8406771
CIE _{Lab}	46.23, 61.53, -77.82
CIE _{LCh}	46, 99.209, 308.335
Yxy	15.4406, 0.2113, 0.1197
Android (android.graphics.Color)	4286596851 (0xFF8046F3)
YUV	107.0640, 67.0164, 18.3609
Hunter-Lab	39.2945, 55.1113, -102.7646

Details

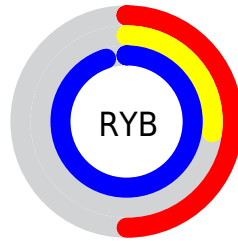
The XYZ color **27.2699, 15.4406, 86.3371** is a light color, and the websafe version is hex **6633CC**. The color can be described as light washed purple. A complement of this color would be **53.1628, 74.8575, 17.4414**, and the grayscale version is **13.8180, 14.5376, 15.8314**.

A 20% lighter version of the original color is **46.1192, 32.2047, 98.3931**, and **10.9265, 4.7989, 46.2493** is the 20% darker color. If you saturate the color by 10%, you get **23.8064, 11.8368, 85.8244**, and if you desaturate by 10%, it is **31.7363, 20.4735, 87.0735**.

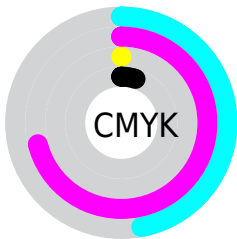
Distribution



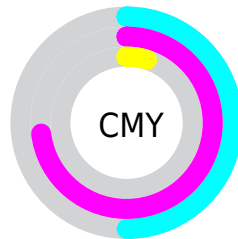
- Red (50%)
- Green (27%)
- Blue (95%)



- Red (50%)
- Yellow (27%)
- Blue (95%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (73%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2699, 15.4406, 86.3371 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 27.2699, 15.4406, 86.3371 by changing the saturation by 10% instead.

■ 27.2699, 15.4406,
86.3371

■ 27.2699, 15.4406,
86.3371

281.1053,
226.0178, 536.3016

■ 17.9137, 9.1292,
64.3903

■ 54.7335, 35.6243,
144.1305

■ 10.9873, 4.8255,
46.5186

■ 73.5716, 50.2654,
180.8142

■ 6.1255, 2.1453,
32.3037

■ 96.3010, 68.4518,
223.2472

■ 2.9630, 0.6899,
21.3268

■ 123.2871, 90.5679,
271.8481

■ 1.1342, 0.0000,
13.1695

■ 154.8952,
116.9982, 327.0355

■ 0.0534, 0.0000,
7.4133

191.4907,

■ 0.0000, 0.0000,

148.1270, 389.2278

3.6395

233.4390,
184.3387, 458.8437

■ 0.0000, 0.0000,
1.4298

■ 0.0000, 0.0000,
0.1648

■ 27.2699, 15.4406,
86.3371

■ 27.2699, 15.4406,
86.3371

■ 23.8064, 11.8368,
85.8244

■ 31.7363, 20.4735,
87.0735

■ 21.2457, 9.4928,
85.5069

■ 37.2864, 27.0754,
88.0553

■ 19.6119, 8.2415,
85.3515

■ 43.9946, 35.3703,
89.3028

■ 51.9276, 45.4690,
90.8339

61.1467, 57.4729,
92.6650

71.7091, 71.4755,
94.8111

83.6680, 87.5642,
97.2862

93.1777, 99.2511,
99.0408

Harmonies

Analogous

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



17.1651, 15.4406, 118.0409



27.2699, 15.4406, 86.3371



35.6066, 15.4406, 40.5745

Triad

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



27.2699, 15.4406, 86.3371



21.5456, 15.4406, 0.0000



3.7410, 15.4406, 24.5189

Complementary

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



27.2699, 15.4406, 86.3371



53.1628, 74.8575, 17.4414

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.



4.1483, 15.4406, 4.8038



27.2699, 15.4406, 86.3371



12.4397, 15.4406, 0.0000

Square

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



27.2699, 15.4406, 86.3371



31.5124, 15.4406, 1.3043



6.7156, 15.4406, 0.1322



5.2502, 15.4406, 65.4979

Rectangle

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



27.2699, 15.4406, 86.3371



37.7113, 15.4406, 18.2040



6.7156, 15.4406, 0.1322



3.6750, 15.4406, 15.4932

Sweetspot

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



27.2708, 15.4410, 86.3375



68.3770, 64.3263, 103.4201



36.1224, 42.6109, 91.1153



13.9932, 12.9262, 22.0074



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.



27.2708, 15.4410, 86.3375



25.2970, 11.9968, 95.5901



46.1483, 25.1728, 87.2210



16.1047, 16.1966, 20.8200



10.8915, 4.5891, 46.8498



1.0621, 0.4574, 4.1225

Inverse Universe

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



47.9090, 26.9377, 48.5711



50.4184, 26.0532, 46.8046



38.2837, 67.1870, 16.7450



16.9637, 16.6683, 19.5552



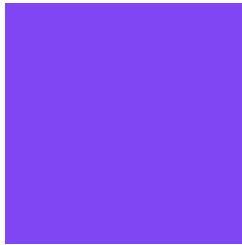
23.9076, 11.9065, 20.0196



2.1489, 1.0655, 2.0106

Previews

White Background



This preview shows how the XYZ color 27.2699, 15.4406, 86.3371 looks on a white background.

Color Contrast Check

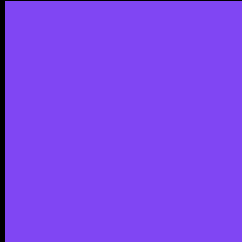
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2699, 15.4406, 86.3371 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 27.2699, 15.4406, 86.3371

Background



This preview shows how black text looks on a background with the XYZ color 27.2699, 15.4406, 86.3371.



This preview shows how white text looks on a background with the XYZ color 27.2699, 15.4406,

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

27.2699, 15.4406, 86.3371

Protanopia

18.3709, 15.4309, 71.8222

Deuteranopia

15.3086, 15.3941, 52.0337



Tritanopia

13.9647, 15.4017, 20.3260

Trichromacy



Original Color

27.2699, 15.4406, 86.3371



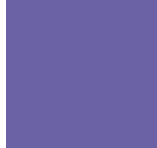
Protanomaly

19.2824, 13.9718, 76.5434



Deuteranomaly

17.2049, 13.8569, 63.3959



Tritanomaly

17.1296, 14.3918, 37.4724

Monochromacy



Original Color

27.2699, 15.4406, 86.3371



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

17.0737, 14.0505, 33.2646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2699, 15.4406, 86.3371 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(128, 70, 243)` looks like.

```
.text, #text, p{  
  color:rgb(128, 70, 243)  
}
```

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(128, 70, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 70, 243) }
```

Border

The CSS property to change the border of an element to XYZ 27.2699, 15.4406, 86.3371 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(128, 70, 243) }
```


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

```
.border{ border-color:rgb(128, 70, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 70, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 70, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 70, 243);  
box-shadow:4px 4px 4px 4px rgb(128, 70,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2699, 15.4406, 86.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 70, 243) }
```

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

```
.background{ background-color: rgb(128, 70,  
243) }
```

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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