

Converting Colors

XYZ(26.6439, 17.2941, 86.7278)

Have a look what the booklet for
XYZ(26.6439, 17.2941, 86.7278)
contains.

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Color

**XYZ(26.6439, 17.2941,
86.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	715AF3
RGB	113, 90, 243
RGB Percent	44%, 35%, 95%
CMY	0.5568, 0.6471, 0.0471
CMYK	0.53, 0.63, 0.00, 0.05
HSL	249°, 86%, 65%
HSV	249°, 63%, 95%
XYZ	26.6439, 17.2941, 86.7278
YIQ	114.3190, -35.4050, 52.4590

Conversions

Conversions Part 2

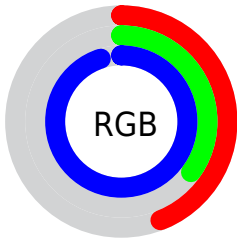
Format	Color
R_{YB}	113, 90, 243
Decimal	7428851
CIE _{Lab}	48.63, 48.66, -73.97
CIE _{LCh}	49, 88.537, 303.341
Yxy	17.2941, 0.2039, 0.1324
Android (android.graphics.Color)	4285618931 (0xFF715AF3)
YUV	114.3190, 63.4397, -1.1568
Hunter-Lab	41.5862, 41.5876, -94.5387

Details

The XYZ color **26.6439, 17.2941, 86.7278** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **63.4096, 80.0544, 21.7829**, and the grayscale version is **15.9138, 16.7425, 18.2326**.

A 20% lighter version of the original color is **45.0304, 35.2684, 99.0419**, and **10.6872, 5.7147, 46.9941** is the 20% darker color. If you saturate the color by 10%, you get **22.5582, 12.6265, 86.0426**, and if you desaturate by 10%, it is **32.0052, 23.6134, 87.6654**.

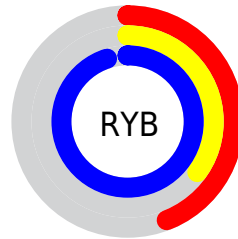
Distribution



Red (44%)

Green (35%)

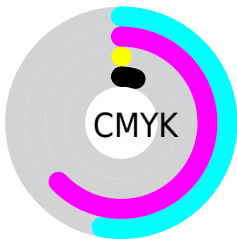
Blue (95%)



Red (44%)

Yellow (35%)

Blue (95%)

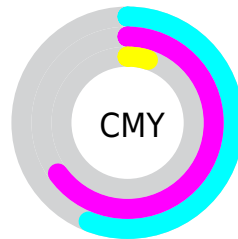


Cyan (53%)

Magenta (63%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (65%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6439, 17.2941, 86.7278 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 26.6439, 17.2941, 86.7278 by changing the saturation by 10% instead.

■ 26.6439, 17.2941,
86.7278

■ 26.6439, 17.2941,
86.7278

278.1279,
236.8615, 537.6210

■ 17.4412, 10.4444,
64.7116

■ 53.7358, 38.8307,
144.6802

■ 10.6468, 5.6946,
46.7774

■ 72.3558, 54.2865,
181.4535

■ 5.8954, 2.6603,
32.5067

■ 94.8454, 73.3797,
223.9829

■ 2.8216, 0.9571,
21.4808

■ 121.5703, 96.4948,
272.6871

■ 1.0601, 0.0000,
13.2812

152.8956,
124.0161, 327.9844

■ 0.0000, 0.0000,
7.4895

189.1867,

■ 0.0000, 0.0000,

156.3281, 390.2934

3.6870

230.8090,
193.8151, 460.0328

■ 0.0000, 0.0000,
1.4553

■ 0.0000, 0.0000,
0.1843

■ 26.6439, 17.2941,
86.7278

■ 26.6439, 17.2941,
86.7278

■ 22.5582, 12.6265,
86.0426

■ 32.0052, 23.6134,
87.6654

■ 19.6358, 9.4515,
85.5838

■ 38.7359, 31.7201,
88.8754

■ 17.7484, 7.5807,
85.3222

■ 46.9240, 41.7377,
90.3774

■ 16.9243, 6.8559,
85.2257

■ 56.6493, 53.7778,
92.1888

■ 67.9855, 67.9437,
94.3256

■ 81.0018, 84.3315,
96.8028

■ 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.



17.3678, 17.2941, 108.5817



26.6439, 17.2941, 86.7278



34.7993, 17.2941, 47.0033

Triad

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



26.6439, 17.2941, 86.7278



24.5202, 17.2941, 0.3298



5.2306, 17.2941, 21.5689

Complementary

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



26.6439, 17.2941, 86.7278



63.4096, 80.0544, 21.7829

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.



6.0326, 17.2941, 5.0174



26.6439, 17.2941, 86.7278



15.5411, 17.2941, 0.0000

Square

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



26.6439, 17.2941, 86.7278



33.3152, 17.2941, 3.3656



9.2406, 17.2941, 0.6905



6.5130, 17.2941, 55.8421

Rectangle

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



26.6439, 17.2941, 86.7278



37.4360, 17.2941, 24.5300



9.2406, 17.2941, 0.6905



5.2676, 17.2941, 14.0900

Sweetspot

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



26.6448, 17.2946, 86.7283



67.9375, 65.8993, 103.7469



46.0006, 59.8576, 93.9236



13.7935, 13.1726, 22.0655



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.



26.6448, 17.2946, 86.7283



23.9792, 12.7697, 95.8087



40.9321, 24.6599, 87.3969



15.8131, 16.0463, 20.8064



9.3575, 3.7983, 46.7780



0.8908, 0.3691, 4.1145

Inverse Universe

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



53.5360, 31.5341, 70.9711



56.6275, 30.1021, 74.6755



45.3194, 70.7285, 20.9363



17.1002, 16.7229, 20.2744



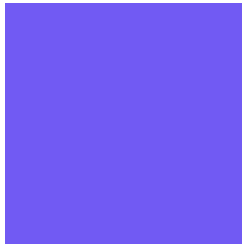
26.4714, 12.9320, 33.5205



2.3550, 1.1480, 3.0960

Previews

White Background



This preview shows how the XYZ color 26.6439, 17.2941, 86.7278 looks on a white background.

Color Contrast Check

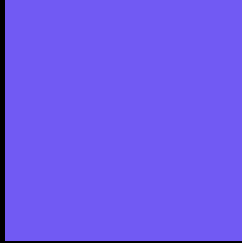
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6439, 17.2941, 86.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

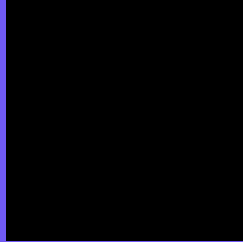
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6439, 17.2941, 86.7278

Background



This preview shows how black text looks on a background with the XYZ color 26.6439, 17.2941, 86.7278.



This preview shows how white text looks on a background with the XYZ color 26.6439, 17.2941,

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

26.6439, 17.2941, 86.7278

Protanopia

20.6798, 17.3670, 80.8595

Deuteranopia

17.2579, 17.2687, 58.9235



Tritanopia

14.1049, 17.1215, 24.3912

Trichromacy



Original Color

26.6439, 17.2941, 86.7278



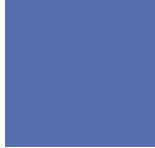
Protanomaly

21.1973, 16.3450, 82.9266



Deuteranomaly

18.9319, 16.2585, 68.4701



Tritanomaly

17.1421, 16.2543, 41.2636

Monochromacy



Original Color

26.6439, 17.2941, 86.7278



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.4240, 16.2538, 35.8845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6439, 17.2941, 86.7278 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, 90, 243)` looks like.

```
.text, #text, p{  
    color:rgb(113, 90, 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(113, 90, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 90, 243) }
```

Border

The CSS property to change the border of an element to XYZ 26.6439, 17.2941, 86.7278 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, 90, 243) }
```


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

```
.border{ border-color:rgb(113, 90, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 90, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 90, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 90, 243);  
box-shadow:4px 4px 4px 4px rgb(113, 90,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6439, 17.2941, 86.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 90, 243) }
```

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

```
.background{ background-color: rgb(113, 90,  
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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