

Converting Colors

XYZ(43.9500, 26.9492, 83.7746)

Have a look what the booklet for
XYZ(43.9500, 26.9492, 83.7746)
contains.

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Color

**XYZ(43.8819, 26.9140,
83.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5FEE
RGB	202, 95, 238
RGB Percent	79%, 37%, 93%
CMY	0.2078, 0.6274, 0.0667
CMYK	0.15, 0.60, 0.00, 0.07
HSL	285°, 81%, 65%
HSV	285°, 60%, 93%
XYZ	43.8819, 26.9140, 83.7710
YIQ	143.2950, 17.8690, 67.1570

Conversions

Conversions Part 2

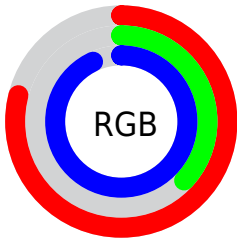
Format	Color
R _{YB}	202, 95, 238
Decimal	13262830
CIE _{Lab}	58.89, 63.62, -54.13
CIE _{LCh}	59, 83.536, 319.606
Y _{xy}	26.9140, 0.2839, 0.1741
Android (android.graphics.Color)	4291452910 (0xFFCA5FEE)
YUV	143.2950, 46.6896, 51.4843
Hunter-Lab	51.8787, 60.1975, -59.4233

Details

The XYZ color **43.8819, 26.9140, 83.7710** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **42.0009, 66.8012, 21.5077**, and the grayscale version is **26.0416, 27.3978, 29.8362**.

A 20% lighter version of the original color is **70.3566, 50.6132, 100.6689**, and **20.4730, 10.5272, 44.6690** is the 20% darker color. If you saturate the color by 10%, you get **40.4666, 22.4428, 83.0884**, and if you desaturate by 10%, it is **48.0169, 32.7292, 84.6759**.

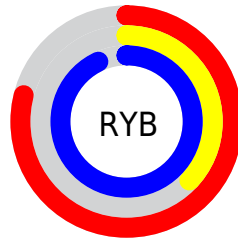
Distribution



Red (79%)

Green (37%)

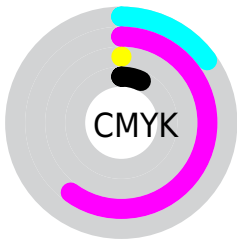
Blue (93%)



Red (79%)

Yellow (37%)

Blue (93%)

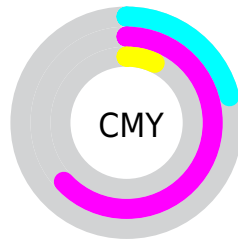


Cyan (15%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (21%)


Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8819, 26.9140, 83.7710 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 43.8819, 26.9140, 83.7710 by changing the saturation by 10% instead.


 43.8819, 26.9140,
83.7710


 43.8819, 26.9140,
83.7710


353.0865,
287.2405, 527.5906


 30.7752, 17.5086,
62.2821

 80.2875, 54.7458,
140.5137


 20.5787, 10.5978,
44.8234


 104.3170, 73.9411,
176.6045

 12.9271, 5.7971,
30.9764


 132.7182, 97.1685,
218.3997

 7.4550, 2.7221,
20.3226

 165.8564,
124.8123, 266.3179

 3.7971, 0.9884,
12.4433

204.0970,
157.2570, 320.7775

 1.5880, 0.0000,
6.9202

247.8053,

 0.3846, 0.0000,

194.8871, 382.1972

3.3345

297.3467,
238.0867, 450.9954

■ 0.0000, 0.0000,
1.2679

■ 0.0000, 0.0000,
0.0353

■ 43.8819, 26.9140,
83.7710

■ 43.8819, 26.9140,
83.7710

■ 40.4666, 22.4428,
83.0884

■ 48.0169, 32.7292,
84.6759

■ 37.7054, 19.1882,
82.6057


■ 52.9231, 39.9933,
85.8195


■ 35.5250, 17.0039,
82.2991


■ 58.6507, 48.8048,
87.2184


■ 33.8124, 15.6482,
82.1276


■ 65.2445, 59.2522,
88.8874

 72.7460, 71.4176,
90.8402

 81.1939, 85.3771,
93.0894

 88.4811, 96.9159,
94.9325

 90.5935, 98.0049,
95.0314

 92.4327, 98.9531,
95.1175

Harmonies

Analogous

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



32.8399, 26.9140, 122.1627



43.8819, 26.9140, 83.7710



50.5069, 26.9140, 40.8095

Triad

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



43.8819, 26.9140, 83.7710



29.3335, 26.9140, 1.4098



11.0634, 26.9140, 52.8313

Complementary

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



43.8819, 26.9140, 83.7710



42.0009, 66.8012, 21.5077

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.



10.5980, 26.9140, 20.1951



43.8819, 26.9140, 83.7710



19.4792, 26.9140, 1.7462

Square

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



43.8819, 26.9140, 83.7710



40.7287, 26.9140, 3.8259



13.2414, 26.9140, 5.7406



14.7493, 26.9140, 97.4663

Rectangle

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



43.8819, 26.9140, 83.7710



50.5815, 26.9140, 20.8017



13.2414, 26.9140, 5.7406



10.5717, 26.9140, 39.8570

Sweetspot

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



43.8830, 26.9151, 83.7716



77.9909, 72.0040, 104.3953



28.5587, 25.4187, 84.2904



16.1747, 14.5791, 22.2115



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.



43.8830, 26.9151, 83.7716



46.5610, 25.3007, 97.0372



50.3281, 30.7526, 60.8100



16.0431, 15.8194, 19.9295



18.9888, 8.7945, 45.8246



1.6702, 0.7783, 3.8164

Inverse Universe

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



43.4496, 28.0012, 24.5884



46.7662, 27.1165, 19.7906



39.2151, 65.1508, 31.0585



15.9360, 15.8241, 17.2194



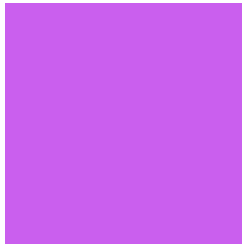
20.1690, 10.3400, 3.5404



1.7166, 0.8757, 0.4984

Previews

White Background



This preview shows how the XYZ color 43.8819, 26.9140, 83.7710 looks on a white background.

Color Contrast Check

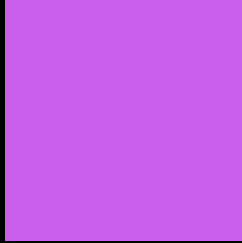
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.8819, 26.9140, 83.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

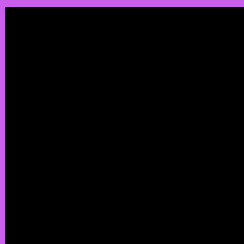
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.8819, 26.9140, 83.7710

Background



This preview shows how black text looks on a background with the XYZ color 43.8819, 26.9140, 83.7710.

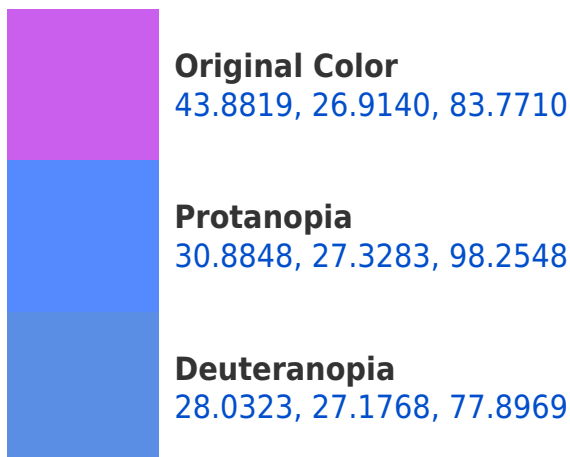


This preview shows how white text looks on a background with the XYZ color 43.8819, 26.9140,

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





Tritanopia

32.0042, 26.7013, 26.0213

Trichromacy



Original Color

43.8819, 26.9140, 83.7710



Protanomaly

32.9605, 25.3478, 92.7779



Deuteranomaly

31.2592, 25.3187, 79.5834



Tritanomaly

35.0897, 25.9953, 42.1979

Monochromacy



Original Color

43.8819, 26.9140, 83.7710



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.8066, 26.0286, 45.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8819, 26.9140, 83.7710 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(202, 95, 238)` looks like.

```
.text, #text, p{  
    color:rgb(202, 95, 238)  
}
```

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(202, 95, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 95, 238) }
```

Border

The CSS property to change the border of an element to XYZ 43.8819, 26.9140, 83.7710 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(202, 95, 238) }
```


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

```
.border{ border-color:rgb(202, 95, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 95, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 95, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 95, 238);  
box-shadow:4px 4px 4px 4px rgb(202, 95,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8819, 26.9140, 83.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 95, 238) }
```

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

```
.background{ background-color: rgb(202, 95,  
238) }
```

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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