

Converting Colors

XYZ(26.4369, 14.1923, 79.4982)

Have a look what the booklet for
XYZ(26.4369, 14.1923, 79.4982)
contains.

XYZ(26.4069, 14.2193, 79.1947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4069, 14.2193,
79.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	873BEA
RGB	135, 59, 234
RGB Percent	53%, 23%, 92%
CMY	0.4706, 0.7686, 0.0824
CMYK	0.42, 0.75, 0.00, 0.08
HSL	266°, 81%, 57%
HSV	266°, 75%, 92%
XYZ	26.4069, 14.2193, 79.1947
YIQ	101.6740, -10.8790, 70.5370

Conversions

Conversions Part 2

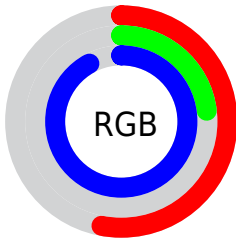
Format	Color
R_{YB}	135, 59, 234
Decimal	8862698
CIE _{Lab}	44.55, 65.29, -75.47
CIE _{LCh}	45, 99.793, 310.860
Yxy	14.2193, 0.2204, 0.1187
Android (android.graphics.Color)	4287052778 (0xFF873BEA)
YUV	101.6740, 65.2367, 29.2269
Hunter-Lab	37.7085, 59.0120, -98.1239

Details

The XYZ color **26.4069, 14.2193, 79.1947** 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 **44.3121, 66.4304, 14.6245**, and the grayscale version is **12.3827, 13.0276, 14.1870**.

A 20% lighter version of the original color is **46.4608, 30.6324, 98.0716**, and **10.6835, 4.5908, 41.9180** is the 20% darker color. If you saturate the color by 10%, you get **23.4633, 11.2988, 78.7865**, and if you desaturate by 10%, it is **30.1554, 18.3541, 79.7956**.

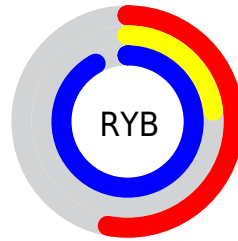
Distribution



Red (53%)

Green (23%)

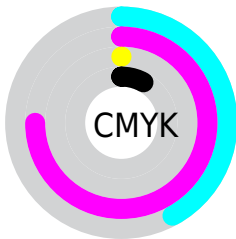
Blue (92%)



Red (53%)

Yellow (23%)

Blue (92%)

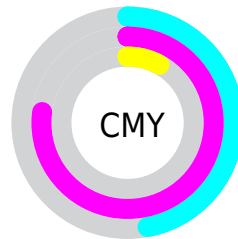


Cyan (42%)

Magenta (75%)

Yellow (0%)

Black (8%)



Cyan (47%)


Magenta (77%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4069, 14.2193, 79.1947 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 26.4069, 14.2193, 79.1947 by changing the saturation by 10% instead.


 26.4069, 14.2193,
79.1947


 26.4069, 14.2193,
79.1947


276.9941,
218.5909, 511.8498


 17.2626, 8.2734,
58.5336


 53.3573, 33.4776,
134.0341


 10.5183, 4.2704,
41.8203


 71.8941, 47.5588,
169.0495


 5.8088, 1.8259,
28.6361


 94.2923, 65.1205,
209.6867

 2.7687, 0.5032,
18.5625

 120.9175, 86.5472,
256.3644

 1.0327, 0.0000,
11.1810

 152.1349,
112.2231, 309.5010

 0.0000, 0.0000,
6.0730

188.3099,

 0.0000, 0.0000,

142.5328, 369.5150

2.8200

229.8078,
177.8606, 436.8251

■ 0.0000, 0.0000,
1.0035

■ 0.0000, 0.0000,
0.0000

■ 26.4069, 14.2193,
79.1947

■ 26.4069, 14.2193,
79.1947

■ 23.4633, 11.2988,
78.7865

■ 30.1554, 18.3541,
79.7956

■ 21.2343, 9.4298,
78.5432

■ 34.7794, 23.8343,
80.6096

■ 20.2888, 8.7437,
78.4606

■ 40.3435, 30.7749,
81.6561

■ 46.9047, 39.2777,
82.9514

■ 54.5153, 49.4352,
84.5109

■ 63.2235, 61.3324,
86.3483

■ 73.0743, 75.0484,
88.4766

■ 84.1102, 90.6575,
90.9078

■ 91.5353, 98.5576,
92.0413

Harmonies

Analogous

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



16.6517, 14.2193, 112.8409



26.4069, 14.2193, 79.1947



34.0902, 14.2193, 35.0803

Triad

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



26.4069, 14.2193, 79.1947



19.2622, 14.2193, 0.0000



3.2911, 14.2193, 25.4458

Complementary

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



26.4069, 14.2193, 79.1947



44.3121, 66.4304, 14.6245

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.



3.5222, 14.2193, 5.0106



26.4069, 14.2193, 79.1947



10.7992, 14.2193, 0.0000

Square

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



26.4069, 14.2193, 79.1947



28.9587, 14.2193, 0.8052



5.6979, 14.2193, 0.0929



4.8535, 14.2193, 66.4855

Rectangle

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



26.4069, 14.2193, 79.1947



35.6997, 14.2193, 14.8252



5.6979, 14.2193, 0.0929



3.1846, 14.2193, 16.1587

Sweetspot

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



26.4077, 14.2197, 79.1951



68.9635, 63.7509, 103.2781



28.9103, 31.3810, 82.3756



14.1730, 12.8484, 21.9829



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.



26.4077, 14.2197, 79.1951



26.8913, 12.3099, 95.5665



46.6418, 24.6508, 80.1420



14.8518, 14.8689, 19.0095



11.5395, 4.9848, 44.0969



1.0146, 0.4473, 3.4677

Inverse Universe

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



41.6670, 23.0889, 34.6065



47.5422, 24.3544, 33.3492



32.7865, 60.4887, 14.0851



15.4224, 15.1968, 17.5097



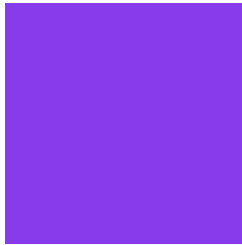
21.4869, 10.7974, 13.6310



1.7354, 0.8671, 1.3239

Previews

White Background



This preview shows how the XYZ color 26.4069, 14.2193, 79.1947 looks on a white background.

Color Contrast Check

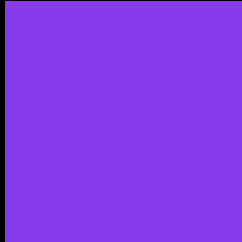
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4069, 14.2193, 79.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

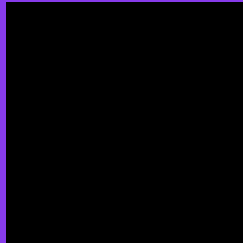
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4069, 14.2193, 79.1947

Background



This preview shows how black text looks on a background with the XYZ color 26.4069, 14.2193, 79.1947.



This preview shows how white text looks on a background with the XYZ color 26.4069, 14.2193,

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

26.4069, 14.2193, 79.1947

Protanopia

16.8890, 14.3578, 65.4995

Deuteranopia

14.1195, 14.2279, 47.9010



Tritanopia

13.9383, 14.1963, 17.3348

Trichromacy



Original Color

26.4069, 14.2193, 79.1947



Protanomaly

17.6456, 12.5290, 69.8949



Deuteranomaly

15.7023, 12.2771, 58.0420



Tritanomaly

16.8266, 13.1617, 33.1061

Monochromacy



Original Color

26.4069, 14.2193, 79.1947



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

15.7722, 12.4350, 30.4231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4069, 14.2193, 79.1947 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(135, 59, 234)` looks like.

```
.text, #text, p{  
    color:rgb(135, 59, 234)  
}
```

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(135, 59, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 59, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.4069, 14.2193, 79.1947 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(135, 59, 234) }
```


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

```
.border{ border-color:rgb(135, 59, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 59, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 59, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 59, 234);  
box-shadow:4px 4px 4px 4px rgb(135, 59,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4069, 14.2193, 79.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 59, 234) }
```

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

```
.background{ background-color: rgb(135, 59,  
234) }
```

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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