

Converting Colors

XYZ(17.8802, 7.1754, 94.0089)

Have a look what the booklet for
XYZ(17.8802, 7.1754, 94.0089)
contains.

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Color

**XYZ(17.9128, 7.1839,
94.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	0101FE
RGB	1, 1, 254
RGB Percent	0%, 0%, 100%
CMY	0.9958, 0.9962, 0.0039
CMYK	1.00, 1.00, 0.00, 0.00
HSL	240°, 99%, 50%
HSV	240°, 100%, 100%
XYZ	17.9128, 7.1839, 94.2085
YIQ	29.8420, -81.2130, 78.6830

Conversions

Conversions Part 2

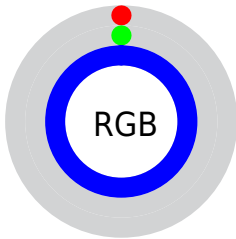
Format	Color
RYB	1, 1, 254
Decimal	66046
CIELab	32.22, 78.81, -107.44
CIELCh	32, 133.246, 306.263
Yxy	7.1839, 0.1501, 0.0602
Android (android.graphics.Color)	4278256126 (0xFF0101FE)
YUV	29.8420, 110.5099, -25.2944
Hunter-Lab	26.8028, 72.3899, -189.6350

Details

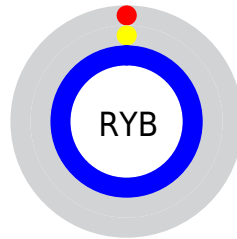
The XYZ color **17.9128, 7.1839, 94.2085** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **76.2811, 91.9366, 13.7530**, and the grayscale version is **1.1573, 1.2175, 1.3259**.

A 20% lighter version of the original color is **28.2525, 15.9197, 96.1915**, and **9.8503, 3.9401, 51.8711** is the 20% darker color. If you saturate the color by 10%, you get **17.8908, 7.1565, 94.2047**, and if you desaturate by 10%, it is **18.7052, 8.1370, 94.3510**.

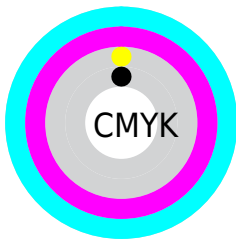
Distribution



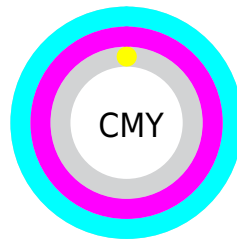
- Red (0%)
- Green (0%)
- Blue (100%)



- Red (0%)
- Yellow (0%)
- Blue (100%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9128, 7.1839, 94.2085 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 17.9128, 7.1839, 94.2085 by changing the saturation by 10% instead.

■ 17.9128, 7.1839,
94.2085

■ 17.9128, 7.1839,
94.2085

233.4342,
169.1831, 562.5474

■ 10.9867, 3.5774,
70.8831

■ 39.4199, 20.3422,
155.1568

■ 6.1251, 1.4401,
51.7656

■ 54.7317, 30.6628,
193.6169

■ 2.9627, 0.2460,
36.4373

■ 73.5694, 43.9902,
237.9589

■ 1.1341, 0.0000,
24.4798

■ 96.2983, 60.7088,
288.6014

■ 0.0533, 0.0000,
15.4744

■ 123.2839, 81.2030,
345.9630


■ 0.0000, 0.0000,
9.0027


■ 154.8916,


■ 0.0000, 0.0000,


105.8572, 410.4622


4.6461


 191.4865,
135.0558, 482.5175


 0.0000, 0.0000,
1.9861


 0.0000, 0.0000,
0.5467


 17.9128, 7.1839,
94.2085


 17.9128, 7.1839,
94.2085

 17.8908, 7.1565,
94.2047

 18.7052, 8.1370,
94.3510

 20.5162, 10.3178,
94.6765

 23.6360, 14.0757,
95.2374

 28.2492, 19.6335,
96.0671

■ 34.5110, 27.1781,
97.1933

■ 42.5571, 36.8730,
98.6405

■ 52.5091, 48.8652,
100.4307

■ 64.4782, 63.2882,
102.5838

■ 78.5668, 80.2657,
105.1182

Harmonies

Analogous

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



8.3632, 7.1839, 136.3846



17.9128, 7.1839, 94.2085



27.2826, 7.1839, 34.8267

Triad

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



17.9128, 7.1839, 94.2085



13.5953, 7.1839, 0.0000



0.1571, 7.1839, 12.6841

Complementary

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



17.9128, 7.1839, 94.2085



76.2811, 91.9366, 13.7530

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.



0.4129, 7.1839, 0.1342



17.9128, 7.1839, 94.2085



5.4933, 7.1839, 0.0000

Square

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



17.9128, 7.1839, 94.2085



23.8320, 7.1839, 0.0000



1.6338, 7.1839, 0.0000



0.7678, 7.1839, 57.8172

Rectangle

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



17.9128, 7.1839, 94.2085



30.1014, 7.1839, 10.5380



1.6338, 7.1839, 0.0000



0.1446, 7.1839, 5.6181

Sweetspot

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



17.9135, 7.1839, 94.2088



52.5526, 48.7882, 101.2550



53.3436, 78.0460, 106.0192



10.2973, 9.2966, 21.5017



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.



17.9135, 7.1839, 94.2088



18.0514, 7.2207, 95.0501



26.7250, 11.7263, 94.6212



17.0038, 17.3782, 22.7081



9.4325, 3.7731, 49.6657



0.9187, 0.3675, 4.8358

Inverse Universe

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



58.7560, 28.2409, 96.0301



59.2725, 28.4730, 96.8880



44.2723, 75.4355, 12.2550



18.7924, 18.3003, 22.7899



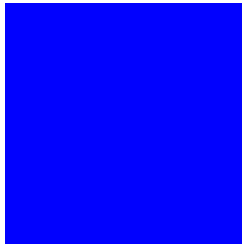
30.9713, 14.8778, 50.6269



3.0157, 1.4486, 4.9299

Previews

White Background



This preview shows how the XYZ color 17.9128, 7.1839, 94.2085 looks on a white background.

Color Contrast Check

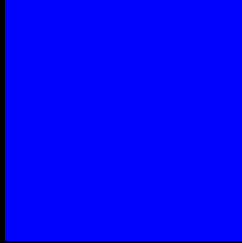
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.9128, 7.1839, 94.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 17.9128, 7.1839, 94.2085

Background



This preview shows how black text looks on a background with the XYZ color 17.9128, 7.1839, 94.2085.



This preview shows how white text looks on a background with the XYZ color 17.9128, 7.1839,

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

17.9128, 7.1839, 94.2085

Protanopia

8.3652, 7.2641, 31.9716

Deuteranopia

6.9608, 7.2579, 22.8638



Tritanopia

5.0517, 7.2183, 10.5782

Trichromacy



Original Color

17.9128, 7.1839, 94.2085

Protanomaly

10.4205, 5.7946, 49.8595

Deuteranomaly

9.0203, 5.5022, 41.6609

Tritanomaly

6.7440, 4.8083, 29.0064

Monochromacy



Original Color

17.9128, 7.1839, 94.2085

Achromatopsia

1.2340, 1.2983, 1.4139

Achromatomaly

3.3707, 1.7519, 15.1994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9128, 7.1839, 94.2085 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(1, 1, 254)` looks like.

```
.text, #text, p{  
    color:rgb(1, 1, 254)  
}
```

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(1, 1, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 1, 254) }
```

Border

The CSS property to change the border of an element to XYZ 17.9128, 7.1839, 94.2085 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(1, 1, 254) }
```


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

```
.border{ border-color:rgb(1, 1, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 1, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 1, 254); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 1, 254); box-shadow:4px  
4px 4px 4px rgb(1, 1, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9128, 7.1839, 94.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 1, 254) }
```

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

```
.background{ background-color: rgb(1, 1,  
254) }
```

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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