

Converting Colors

XYZ(17.0800, 19.8008, 2.9217)

Have a look what the booklet for
XYZ(17.0800, 19.8008, 2.9217)
contains.

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Color

**XYZ(17.1337, 19.9083,
2.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	857E00
RGB	133, 126, 0
RGB Percent	52%, 49%, 0%
CMY	0.4784, 0.5059, 1.0000
CMYK	0.00, 0.05, 1.00, 0.48
HSL	57°, 100%, 26%
HSV	57°, 100%, 52%
XYZ	17.1337, 19.9083, 2.9396
YIQ	113.7290, 44.6180, -37.7020

Conversions

Conversions Part 2

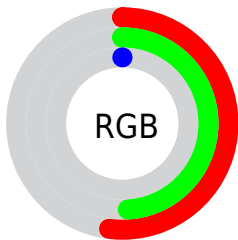
Format	Color
R_{YB}	7, 133, 0
Decimal	8748544
CIE Lab	51.73, -9.50, 56.78
CIE LCh	52, 57.573, 99.502
Yxy	19.9083, 0.4285, 0.4979
Android (android.graphics.Color)	4286938624 (0xFF857E00)
YUV	113.7290, -56.0684, 16.9007
Hunter-Lab	44.6187, -9.5383, 27.3269

Details

The XYZ color **17.1337, 19.9083, 2.9396** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.3097, 1.8455, 22.3191**, and the grayscale version is **16.0669, 16.9037, 18.4081**.

A 20% lighter version of the original color is **38.1390, 43.1813, 11.4789**, and **5.8783, 6.9700, 1.0355** is the 20% darker color. If you saturate the color by 10%, you get **17.1341, 19.9091, 2.9398**, and if you desaturate by 10%, it is **17.2985, 20.1186, 3.3628**.

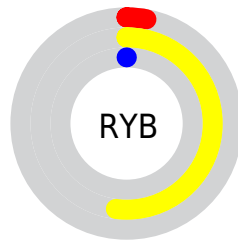
Distribution



Red (52%)

Green (49%)

Blue (0%)



Red (3%)

Yellow (52%)

Blue (0%)

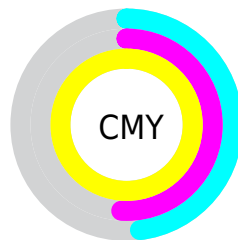


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1337, 19.9083, 2.9396 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 17.1337, 19.9083, 2.9396 by changing the saturation by 10% instead.

■ 17.1337, 19.9083,
2.9396

■ 17.1337, 19.9083,
2.9396

229.0829,
251.4183, 135.5876

■ 10.4258, 12.3284,
1.0639

■ 38.0973, 43.2634,
11.4790

■ 5.7466, 6.9677,
0.0000

■ 53.0836, 59.8074,
18.9798

■ 2.7308, 3.4419,
0.0000

■ 71.5602, 80.1082,
29.1927

■ 1.0130, 1.3666,
0.0000

■ 93.8922, 104.5502,
42.5362

■ 0.0000, 0.1919,
0.0000

■ 120.4452,
133.5178, 59.4289

■ 0.0000, 0.0000,
0.0000

■ 151.5844,

167.3954, 80.2894

■ 187.6752,
206.5675, 105.5361

■ 17.1337, 19.9083,
2.9396

■ 17.1337, 19.9083,
2.9396

■ 17.1341, 19.9091,
2.9398

■ 17.2985, 20.1186,
3.3628

■ 17.5076, 20.3469,
4.0178

■ 17.7867, 20.6042,
5.0387

■ 18.1443, 20.8939,
6.4698

■ 18.5876, 21.2189,
8.3489

■ 19.1230, 21.5817,
10.7098

■ 19.7562, 21.9847,
13.5828

■ 20.4926, 22.4299,
16.9960

■ 21.3371, 22.9194,
20.9753

Harmonies

Analogous

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



23.1191, 19.9083, 3.3796



17.1337, 19.9083, 2.9396



12.6573, 19.9083, 5.1562

Triad

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



17.1337, 19.9083, 2.9396



11.5323, 19.9083, 49.1343



31.4640, 19.9083, 34.9527

Complementary

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



17.1337, 19.9083, 2.9396



4.3097, 1.8455, 22.3191

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.



26.9737, 19.9083, 57.0173



17.1337, 19.9083, 2.9396



15.2668, 19.9083, 67.7088

Square

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



17.1337, 19.9083, 2.9396



9.8896, 19.9083, 27.4119



20.8311, 19.9083, 71.1634



32.2496, 19.9083, 16.8031

Rectangle

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



17.1337, 19.9083, 2.9396



10.8227, 19.9083, 9.1376



20.8311, 19.9083, 71.1634



30.2997, 19.9083, 42.3576

Sweetspot

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



17.1341, 19.9092, 2.9400



35.2962, 39.3187, 23.9405



9.7214, 5.0061, 0.7087



7.8570, 8.7986, 4.9602



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.1341, 19.9092, 2.9400



30.6477, 35.5810, 5.2525



11.3181, 18.2856, 2.9332



5.0193, 5.3822, 5.0037



16.3226, 18.9678, 2.8009



0.0581, 0.0689, 0.0102

Inverse Universe

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



4.3097, 1.8455, 22.3191



7.6806, 3.2306, 39.9572



5.9575, 2.5823, 22.3744



4.4527, 4.5810, 5.8503



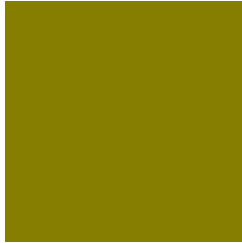
4.1069, 1.7615, 21.2602



0.0154, 0.0085, 0.0741

Previews

White Background



This preview shows how the XYZ color 17.1337, 19.9083, 2.9396 looks on a white background.

Color Contrast Check

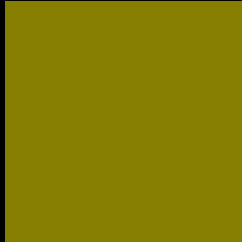
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1337, 19.9083, 2.9396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

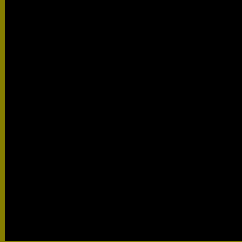
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1337, 19.9083, 2.9396

Background



This preview shows how black text looks on a background with the XYZ color 17.1337, 19.9083, 2.9396.



This preview shows how white text looks on a background with the XYZ color 17.1337, 19.9083,

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

17.1337, 19.9083, 2.9396

Protanopia

17.8551, 19.9043, 2.9008

Deuteranopia

20.1808, 19.8342, 3.3370



Tritanopia

21.1117, 19.8917, 22.4654

Trichromacy



Original Color

17.1337, 19.9083, 2.9396

Protanomaly

17.6501, 19.9856, 2.9273

Deuteranomaly

18.9896, 19.7530, 3.1285

Tritanomaly

18.6457, 19.4154, 10.3542

Monochromacy



Original Color

17.1337, 19.9083, 2.9396

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5662, 17.5029, 8.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1337, 19.9083, 2.9396 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(133, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 0)  
}
```

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(133, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.1337, 19.9083, 2.9396 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(133, 126, 0) }
```


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

```
.border{ border-color:rgb(133, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1337, 19.9083, 2.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 0) }
```

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

```
.background{ background-color: rgb(133,  
126, 0) }
```

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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