

Converting Colors

XYZ(14.4694, 17.3879, 0.3172)

Have a look what the booklet for
XYZ(14.4694, 17.3879, 0.3172)
contains.

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Color

**XYZ(14.9090, 17.4787,
2.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7700
RGB	124, 119, 0
RGB Percent	49%, 47%, 0%
CMY	0.5137, 0.5333, 1.0000
CMYK	0.00, 0.04, 1.00, 0.51
HSL	58°, 100%, 24%
HSV	58°, 100%, 49%
XYZ	14.9090, 17.4787, 2.5879
YIQ	106.9290, 41.1790, -35.9490

Conversions

Conversions Part 2

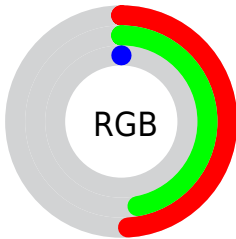
Format	Color
R_{YB}	5, 124, 0
Decimal	8156928
CIE Lab	48.86, -9.90, 54.32
CIE LCh	49, 55.216, 100.334
Yxy	17.4787, 0.4263, 0.4997
Android (android.graphics.Color)	4286347008 (0xFF7C7700)
YUV	106.9290, -52.7160, 14.9713
Hunter-Lab	41.8075, -9.5082, 25.5952

Details

The XYZ color **14.9090, 17.4787, 2.5879** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.6924, 1.5639, 19.1759**, and the grayscale version is **14.0895, 14.8233, 16.1426**.

A 20% lighter version of the original color is **34.3107, 39.1993, 10.6083**, and **4.8518, 5.8461, 0.8727** is the 20% darker color. If you saturate the color by 10%, you get **14.9093, 17.4795, 2.5881**, and if you desaturate by 10%, it is **15.0379, 17.6263, 2.9706**.

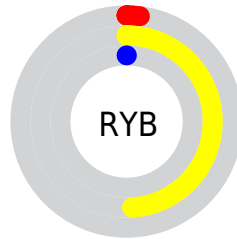
Distribution



Red (49%)

Green (47%)

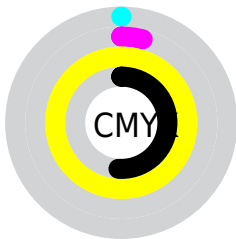
Blue (0%)



Red (2%)

Yellow (49%)

Blue (0%)

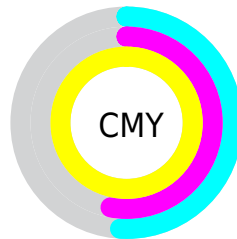


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9090, 17.4787, 2.5879 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 14.9090, 17.4787, 2.5879 by changing the saturation by 10% instead.

■ 14.9090, 17.4787,
2.5879

■ 14.9090, 17.4787,
2.5879

216.2141,
237.9161, 130.9253

■ 8.8414, 10.5764,
0.8862

■ 34.2664, 39.1470,
10.5934

■ 4.6942, 5.7828,
0.0000

■ 48.2870, 54.6818,
17.7364

■ 2.1019, 2.7134,
0.0000

■ 65.6893, 73.8629,
27.5309

■ 0.6902, 0.9840,
0.0000


■ 86.8387, 97.0746,
40.3955


■ 0.0000, 0.0000,
0.0000


■ 112.1005,
124.7014, 56.7486


■ 141.8401,


157.1276, 77.0090


 176.4228,
194.7377, 101.5950


 14.9090, 17.4787,
2.5879


 14.9090, 17.4787,
2.5879


 14.9093, 17.4795,
2.5881

 15.0379, 17.6263,
2.9706

 15.2023, 17.7880,
3.5410

 15.4264, 17.9740,
4.4236

 15.7170, 18.1872,
5.6553

 16.0803, 18.4299,
7.2681

■ 16.5216, 18.7044,
9.2900

■ 17.0457, 19.0124,
11.7467

■ 17.6572, 19.3559,
14.6615

■ 18.3600, 19.7365,
18.0563

Harmonies

Analogous

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



20.1509, 17.4787, 2.9147



14.9090, 17.4787, 2.5879



11.0215, 17.4787, 4.6152

Triad

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



14.9090, 17.4787, 2.5879



10.1823, 17.4787, 43.7309



27.7134, 17.4787, 30.1829

Complementary

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



14.9090, 17.4787, 2.5879



3.6924, 1.5639, 19.1759

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.



23.8334, 17.4787, 49.6252



14.9090, 17.4787, 2.5879



13.5155, 17.4787, 59.8356

Square

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



14.9090, 17.4787, 2.5879



8.6887, 17.4787, 24.5496



18.4421, 17.4787, 62.4197



28.3006, 17.4787, 14.4089

Rectangle

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



14.9090, 17.4787, 2.5879



9.4435, 17.4787, 8.2103



18.4421, 17.4787, 62.4197



26.7184, 17.4787, 36.6726

Sweetspot

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



14.9094, 17.4795, 2.5883



29.9255, 33.4167, 20.3352



8.3462, 4.2988, 0.5681



6.9691, 7.8244, 4.4183



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.9094, 17.4795, 2.5883



26.2123, 30.7103, 4.5461



9.6057, 15.6515, 2.5149



4.2946, 4.6076, 4.2875



15.1564, 17.7687, 2.6309



72.1428, 84.4491, 12.4980

Inverse Universe

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



3.6924, 1.5639, 19.1759



6.4725, 2.7014, 33.7369



5.2580, 2.2905, 19.2337



3.8094, 3.9171, 4.9985



3.7531, 1.5887, 19.4941



17.7525, 7.2777, 92.9389

Previews

White Background



This preview shows how the XYZ color 14.9090, 17.4787, 2.5879 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 14.9090, 17.4787, 2.5879 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 14.9090, 17.4787, 2.5879

Background



This preview shows how black text looks on a background with the XYZ color 14.9090, 17.4787, 2.5879.



This preview shows how white text looks on a background with the XYZ color 14.9090, 17.4787,

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

14.9090, 17.4787, 2.5879

Protanopia

15.7214, 17.5479, 2.5585

Deuteranopia

17.7097, 17.3954, 2.9546



Tritanopia

18.3743, 17.5261, 19.8672

Trichromacy



Original Color

14.9090, 17.4787, 2.5879

Protanomaly

15.3805, 17.5461, 2.5761

Deuteranomaly

16.6130, 17.3234, 2.7848

Tritanomaly

16.2239, 17.1456, 9.2918

Monochromacy



Original Color

14.9090, 17.4787, 2.5879

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.5379, 15.2969, 7.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9090, 17.4787, 2.5879 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(124, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 119, 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(124, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 119, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9090, 17.4787, 2.5879 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(124, 119, 0) }
```


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

```
.border{ border-color:rgb(124, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 119,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9090, 17.4787, 2.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 119, 0) }
```

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

```
.background{ background-color: rgb(124,  
119, 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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