

Converting Colors

XYZ(17.9984, 17.7052, 2.9992)

Have a look what the booklet for
XYZ(17.9984, 17.7052, 2.9992)
contains.

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Color

**XYZ(17.9984, 17.7052,
2.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	946F11
RGB	148, 111, 17
RGB Percent	58%, 44%, 7%
CMY	0.4196, 0.5647, 0.9333
CMYK	0.00, 0.25, 0.89, 0.42
HSL	43°, 79%, 32%
HSV	43°, 89%, 58%
XYZ	17.9984, 17.7052, 2.9992
YIQ	111.3470, 52.2260, -21.3900

Conversions

Conversions Part 2

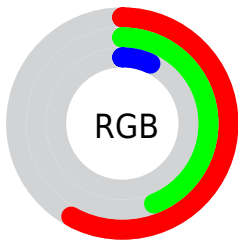
Format	Color
RYB	69, 148, 17
Decimal	9727761
CIELab	49.14, 6.36, 51.90
CIElCh	49, 52.292, 83.012
Yxy	17.7052, 0.4650, 0.4575
Android (android.graphics.Color)	4287917841 (0xFF946F11)
YUV	111.3470, -46.5131, 32.1447
Hunter-Lab	42.0775, 2.7165, 25.2282

Details

The XYZ color **17.9984, 17.7052, 2.9992** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.8958, 4.8959, 28.5985**, and the grayscale version is **15.3314, 16.1299, 17.5654**.

A 20% lighter version of the original color is **39.5436, 39.4304, 11.6575**, and **6.3476, 5.9939, 0.8224** is the 20% darker color. If you saturate the color by 10%, you get **17.4642, 16.7794, 2.3816**, and if you desaturate by 10%, it is **18.6225, 18.7025, 3.9812**.

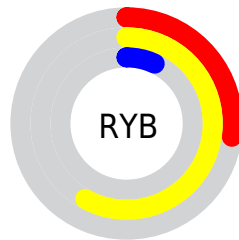
Distribution



Red (58%)

Green (44%)

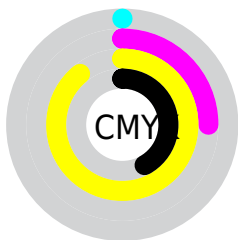
Blue (7%)



Red (27%)

Yellow (58%)

Blue (7%)

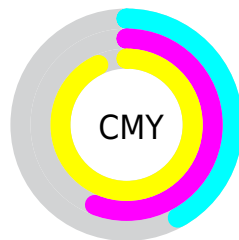


Cyan (0%)

Magenta (25%)

Yellow (89%)

Black (42%)



Cyan (42%)


Magenta (56%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9984, 17.7052, 2.9992 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 17.9984, 17.7052, 2.9992 by changing the saturation by 10% instead.


 17.9984, 17.7052,
2.9992


 17.9984, 17.7052,
2.9992


233.9078,
239.2041, 136.3504


 11.0485, 10.7385,
1.0942


 39.5647, 39.5343,
11.6265


 6.1670, 5.8913,
0.0000


 54.9118, 55.1656,
19.1858


 2.9885, 2.7791,
0.0000

 73.7888, 74.4539,
29.4671

 1.1477, 1.0175,
0.0000

 96.5608, 97.7836,
42.8888

 0.0645, 0.0000,
0.0000

 123.5934,
125.5391, 59.8694

 0.0000, 0.0000,
0.0000

 155.2519,

158.1047, 80.8275

■ 191.9015,
195.8649, 106.1817

■ 17.9984, 17.7052,
2.9992

■ 17.9984, 17.7052,
2.9992

■ 17.4642, 16.7794,
2.3816

■ 18.6225, 18.7025,
3.9812

■ 17.3875, 16.6454,
2.2965

■ 19.3581, 19.7783,
5.4452

■ 20.2166, 20.9383,
7.4484

■ 21.2075, 22.1868,
10.0398

■ 22.3395, 23.5276,
13.2628

■ 23.6201, 24.9642,
17.1565

■ 25.0564, 26.4999,
21.7571

■ 26.6550, 28.1376,
27.0981

■ 28.4222, 29.8803,
33.2107

Harmonies

Analogous

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



23.1431, 17.7052, 4.7764



17.9984, 17.7052, 2.9992



13.4137, 17.7052, 3.5970

Triad

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



17.9984, 17.7052, 2.9992



9.5726, 17.7052, 31.8373



25.5116, 17.7052, 40.4425

Complementary

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



17.9984, 17.7052, 2.9992



6.8958, 4.8959, 28.5985

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.



20.7781, 17.7052, 56.2042



17.9984, 17.7052, 2.9992



11.7813, 17.7052, 49.7793

Square

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



17.9984, 17.7052, 2.9992



9.1143, 17.7052, 16.1837



15.7100, 17.7052, 60.2630



27.9929, 17.7052, 22.7435

Rectangle

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



17.9984, 17.7052, 2.9992



11.1946, 17.7052, 5.5304



15.7100, 17.7052, 60.2630



24.0918, 17.7052, 46.4338

Sweetspot

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



17.9988, 17.7061, 2.9995



41.9102, 44.3034, 31.0039



13.0820, 6.9645, 4.1597



9.4007, 9.9308, 6.5589



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.9988, 17.7061, 2.9995



30.5280, 29.0673, 4.0015



18.3840, 25.1861, 4.4230



6.1284, 6.4706, 6.1664



14.8755, 14.2654, 1.9695



0.2071, 0.2247, 0.0325

Inverse Universe

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



6.8958, 4.8959, 28.5985



10.7513, 6.4123, 50.1056



6.6452, 3.1059, 28.2662



5.6250, 5.8839, 7.3090



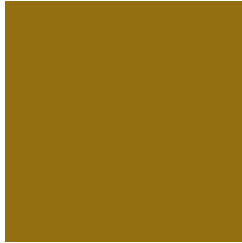
5.2877, 3.2701, 24.2835



0.0872, 0.0849, 0.3047

Previews

White Background



This preview shows how the XYZ color 17.9984, 17.7052, 2.9992 looks on a white background.

Color Contrast Check

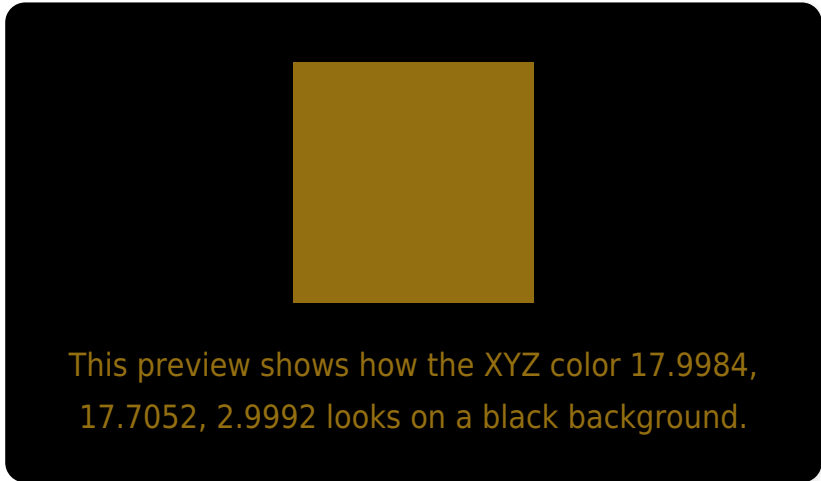
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.9984, 17.7052, 2.9992

Background



This preview shows how black text looks on a background with the XYZ color 17.9984, 17.7052, 2.9992.



This preview shows how white text looks on a background with the XYZ color 17.9984, 17.7052,

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

17.9984, 17.7052, 2.9992

Protanopia

15.9946, 17.6751, 3.1847

Deuteranopia

17.9984, 17.7052, 2.9992



Tritanopia

20.8564, 17.6205, 17.3408

Trichromacy



Original Color

17.9984, 17.7052, 2.9992

Protanomaly

16.7211, 17.7084, 3.1090

Deuteranomaly

17.9984, 17.7052, 2.9992

Tritanomaly

19.2561, 17.4232, 9.3693

Monochromacy



Original Color

17.9984, 17.7052, 2.9992

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3362, 16.1898, 9.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9984, 17.7052, 2.9992 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(148, 111, 17)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 17)  
}
```

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(148, 111, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.9984, 17.7052, 2.9992 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(148, 111, 17) }
```


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

```
.border{ border-color:rgb(148, 111, 17) }
```

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

Here you see how a box with a 4 pixel rgb(148, 111, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 17);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9984, 17.7052, 2.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 17) }
```

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

```
.background{ background-color: rgb(148,  
111, 17) }
```

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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