

Converting Colors

XYZ(19.4836, 19.4658, 2.7304)

Have a look what the booklet for
XYZ(19.4836, 19.4658, 2.7304)
contains.

XYZ(19.4982, 19.4949, 2.7352)	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(19.4982, 19.4949,
2.7352)**

Conversions

Conversions Part 1

Format	Color
Hex	997500
RGB	153, 117, 0
RGB Percent	60%, 46%, 0%
CMY	0.4000, 0.5412, 1.0000
CMYK	0.00, 0.24, 1.00, 0.40
HSL	46°, 100%, 30%
HSV	46°, 100%, 60%
XYZ	19.4982, 19.4949, 2.7352
YIQ	114.4260, 59.0130, -28.7550

Conversions

Conversions Part 2

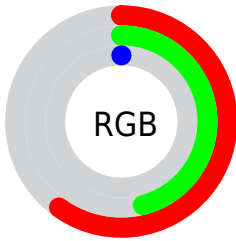
Format	Color
RYB	47, 153, 0
Decimal	10056960
CIELab	51.26, 4.97, 57.39
CIELCh	51, 57.608, 85.053
Yxy	19.4949, 0.4673, 0.4672
Android (android.graphics.Color)	4288247040 (0xFF997500)
YUV	114.4260, -56.4120, 33.8294
Hunter-Lab	44.1530, 1.5587, 27.2342

Details

The XYZ color **19.4982, 19.4949, 2.7352** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.3808, 3.5618, 30.4881**, and the grayscale version is **16.2752, 17.1228, 18.6467**.

A 20% lighter version of the original color is **42.0061, 42.6065, 11.0109**, and **7.0579, 6.7976, 0.9401** is the 20% darker color. If you saturate the color by 10%, you get **19.4984, 19.4955, 2.7353**, and if you desaturate by 10%, it is **20.0146, 20.3863, 3.3435**.

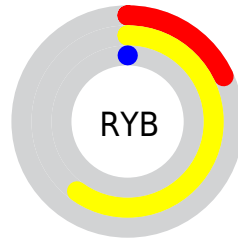
Distribution



Red (60%)

Green (46%)

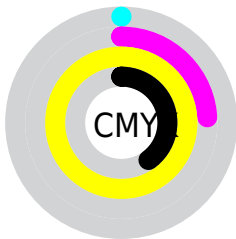
Blue (0%)



Red (18%)

Yellow (60%)

Blue (0%)

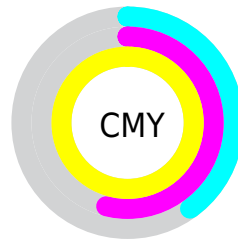


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4982, 19.4949, 2.7352 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 19.4982, 19.4949, 2.7352 by changing the saturation by 10% instead.

■ 19.4982, 19.4949,
2.7352

■ 19.4982, 19.4949,
2.7352

242.0711,
249.1674, 132.9131

■ 12.1370, 12.0284,
0.9611

■ 42.0847, 42.5687,
10.9677

■ 6.9099, 6.7630,
0.0000

■ 58.0406, 58.9448,
18.2632

■ 3.4516, 3.3144,
0.0000

■ 77.5921, 79.0596,
28.2362

■ 1.3969, 1.2980,
0.0000

■ 101.1046,
103.2975, 41.3053

■ 0.2540, 0.1396,
0.0000

■ 128.9434,
132.0428, 57.8890

■ 0.0000, 0.0000,
0.0000

■ 161.4738,

165.6800, 78.4058

199.0613,
204.5934, 103.2743

19.4982, 19.4949,
2.7352

19.4982, 19.4949,
2.7352

19.4984, 19.4955,
2.7353

20.0146, 20.3863,
3.3435

20.6122, 21.3355,
4.3011

21.3217, 22.3559,
5.7664

22.1552, 23.4525,
7.8032

23.1234, 24.6299,
10.4654

■ 24.2353, 25.8919,
13.8012

■ 25.4994, 27.2423,
17.8536

■ 26.9233, 28.6842,
22.6622

■ 28.5141, 30.2209,
28.2637

Harmonies

Analogous

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



25.6039, 19.4949, 4.4222



19.4982, 19.4949, 2.7352



14.2345, 19.4949, 3.5312

Triad

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



19.4982, 19.4949, 2.7352



10.2161, 19.4949, 37.6376



29.1379, 19.4949, 44.9921

Complementary

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



19.4982, 19.4949, 2.7352



6.3808, 3.5618, 30.4881

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.



23.6113, 19.4949, 64.7150



19.4982, 19.4949, 2.7352



12.8951, 19.4949, 59.1474

Square

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



19.4982, 19.4949, 2.7352



9.5596, 19.4949, 18.6140



17.5931, 19.4949, 70.9130



31.8559, 19.4949, 24.0729

Rectangle

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



19.4982, 19.4949, 2.7352



11.7596, 19.4949, 5.8042



17.5931, 19.4949, 70.9130



27.4979, 19.4949, 52.3342

Sweetspot

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



19.4986, 19.4959, 2.7356



45.5236, 48.6391, 31.5032



13.4909, 6.9140, 2.4788



9.8537, 10.5310, 6.3115



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4986, 19.4959, 2.7356



34.7718, 34.6187, 4.8494



18.4288, 26.4104, 4.1266



6.5857, 6.9764, 6.6053



16.1415, 16.1654, 2.2695



0.2681, 0.2953, 0.0429

Inverse Universe

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



6.3808, 3.5618, 30.4881



11.3056, 6.1356, 54.5604



6.5586, 2.7170, 30.3156



5.9966, 6.2506, 7.8194



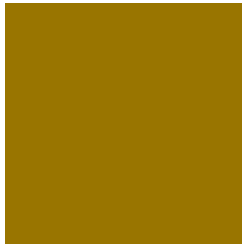
5.2959, 2.9884, 25.2054



0.1036, 0.0935, 0.3850

Previews

White Background



This preview shows how the XYZ color 19.4982, 19.4949, 2.7352 looks on a white background.

Color Contrast Check

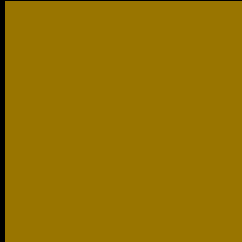
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4982, 19.4949, 2.7352 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 19.4982, 19.4949, 2.7352

Background



This preview shows how black text looks on a background with the XYZ color 19.4982, 19.4949, 2.7352.



This preview shows how white text looks on a background with the XYZ color 19.4982, 19.4949,

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

19.4982, 19.4949, 2.7352

Protanopia

17.6080, 19.5867, 3.0823

Deuteranopia

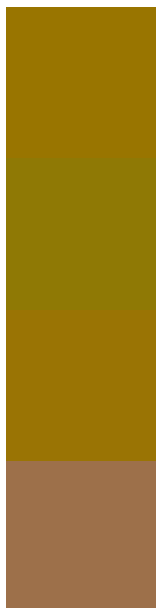
19.7958, 19.4725, 2.8875



Tritanopia

22.9776, 19.5926, 19.4003

Trichromacy



Original Color

19.4982, 19.4949, 2.7352

Protanomaly

18.1925, 19.5253, 2.9535

Deuteranomaly

19.5937, 19.3696, 2.8209

Tritanomaly

20.9348, 19.2509, 9.0910

Monochromacy



Original Color

19.4982, 19.4949, 2.7352

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2354, 17.3317, 8.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4982, 19.4949, 2.7352 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(153, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 117, 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(153, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 117, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.4982, 19.4949, 2.7352 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(153, 117, 0) }
```


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

```
.border{ border-color:rgb(153, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 117,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4982, 19.4949, 2.7352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 117, 0) }
```

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

```
.background{ background-color: rgb(153,  
117, 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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