

Converting Colors

XYZ(19.3823, 19.2631, 2.6966)

Have a look what the booklet for
XYZ(19.3823, 19.2631, 2.6966)
contains.

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Color

**XYZ(19.3823, 19.2631,
2.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	997400
RGB	153, 116, 0
RGB Percent	60%, 45%, 0%
CMY	0.4000, 0.5451, 1.0000
CMYK	0.00, 0.24, 1.00, 0.40
HSL	45°, 100%, 30%
HSV	45°, 100%, 60%
XYZ	19.3823, 19.2631, 2.6966
YIQ	113.8390, 59.2880, -28.2320

Conversions

Conversions Part 2

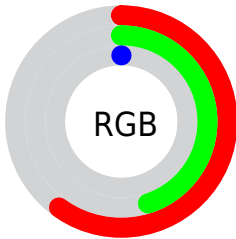
Format	Color
RYB	49, 153, 0
Decimal	10056704
CIELab	50.99, 5.54, 57.21
CIELCh	51, 57.476, 84.473
Yxy	19.2631, 0.4688, 0.4659
Android (android.graphics.Color)	4288246784 (0xFF997400)
YUV	113.8390, -56.1226, 34.3442
Hunter-Lab	43.8897, 2.0209, 27.0800

Details

The XYZ color **19.3823, 19.2631, 2.6966** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4115, 3.6233, 30.4983**, and the grayscale version is **16.0971, 16.9354, 18.4427**.

A 20% lighter version of the original color is **42.1081, 42.3840, 10.9626**, and **6.9969, 6.6756, 0.9197** is the 20% darker color. If you saturate the color by 10%, you get **19.3825, 19.2636, 2.6967**, and if you desaturate by 10%, it is **19.9062, 20.1695, 3.3074**.

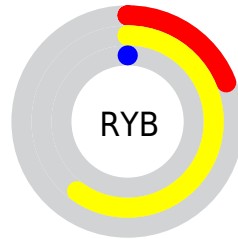
Distribution



Red (60%)

Green (45%)

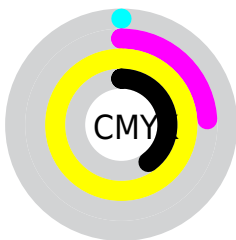
Blue (0%)



Red (19%)

Yellow (60%)

Blue (0%)

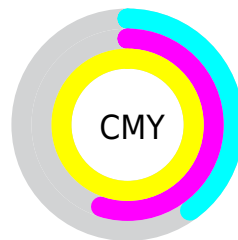


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3823, 19.2631, 2.6966 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 19.3823, 19.2631, 2.6966 by changing the saturation by 10% instead.

■ 19.3823, 19.2631,
2.6966

■ 19.3823, 19.2631,
2.6966

241.4490,
247.8974, 132.3973

■ 12.0525, 11.8605,
0.9417

■ 41.8910, 42.1782,
10.8701

■ 6.8519, 6.6488,
0.0000

■ 57.8006, 58.4595,
18.1260

■ 3.4151, 3.2434,
0.0000

■ 77.3008, 78.4693,
28.0527

■ 1.3769, 1.2601,
0.0000

■ 100.7571,
102.5918, 41.0688

■ 0.2397, 0.1100,
0.0000

■ 128.5346,
131.2114, 57.5927

■ 0.0000, 0.0000,
0.0000

■ 160.9989,

164.7127, 78.0431

198.5153,
203.4798, 102.8385

19.3823, 19.2631,
2.6966

19.3823, 19.2631,
2.6966

19.3825, 19.2636,
2.6967

19.9062, 20.1695,
3.3074

20.5121, 21.1354,
4.2678

21.2309, 22.1743,
5.7363

22.0746, 23.2912,
7.7764

23.0538, 24.4907,
10.4424

■ 24.1777, 25.7768,
13.7822

■ 25.4548, 27.1530,
17.8390

■ 26.8926, 28.6228,
22.6523

■ 28.4983, 30.1893,
28.2589

Harmonies

Analogous

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



25.4249, 19.2631, 4.4188



19.3823, 19.2631, 2.6966



14.1432, 19.2631, 3.4348

Triad

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



19.3823, 19.2631, 2.6966



10.0523, 19.2631, 36.8025



28.7256, 19.2631, 44.9362

Complementary

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



19.3823, 19.2631, 2.6966



6.4115, 3.6233, 30.4983

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.



23.2217, 19.2631, 64.3264



19.3823, 19.2631, 2.6966



12.6626, 19.2631, 58.1683

Square

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



19.3823, 19.2631, 2.6966



9.4406, 19.2631, 18.1008



17.2761, 19.2631, 70.1231



31.4891, 19.2631, 24.1368

Rectangle

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



19.3823, 19.2631, 2.6966



11.6682, 19.2631, 5.6261



17.2761, 19.2631, 70.1231



27.0858, 19.2631, 52.1891

Sweetspot

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



19.3827, 19.2641, 2.6970



45.4422, 48.4763, 31.4761



13.4909, 6.9140, 2.4789



9.8337, 10.4910, 6.3048



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.



19.3827, 19.2641, 2.6970



34.5617, 34.1985, 4.7794



18.4288, 26.4104, 4.1266



6.5823, 6.9697, 6.6042



16.0461, 15.9746, 2.2377



0.2672, 0.2935, 0.0426

Inverse Universe

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



6.4115, 3.6233, 30.4983



11.3581, 6.2407, 54.5779



6.5586, 2.7170, 30.3156



5.9998, 6.2569, 7.8205



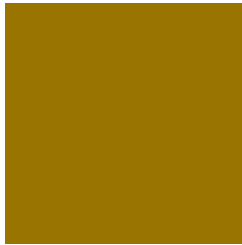
5.3217, 3.0400, 25.2140



0.1045, 0.0953, 0.3853

Previews

White Background



This preview shows how the XYZ color 19.3823, 19.2631, 2.6966 looks on a white background.

Color Contrast Check

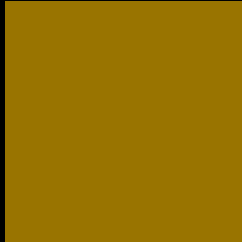
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3823, 19.2631, 2.6966 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 19.3823, 19.2631, 2.6966

Background



This preview shows how black text looks on a background with the XYZ color 19.3823, 19.2631, 2.6966.

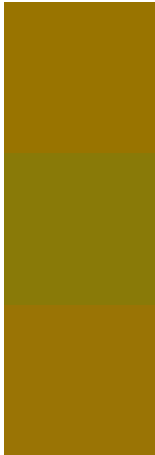


This preview shows how white text looks on a background with the XYZ color 19.3823, 19.2631,

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

19.3823, 19.2631, 2.6966

Protanopia

17.3199, 19.2550, 3.0335

Deuteranopia

19.5992, 19.3718, 2.8497



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

19.3823, 19.2631, 2.6966

Protanomaly

18.0716, 19.2835, 2.9132

Deuteranomaly

19.5883, 19.3674, 2.7920

Tritanomaly

20.8251, 19.0314, 9.0544

Monochromacy



Original Color

19.3823, 19.2631, 2.6966

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 19.3823, 19.2631, 2.6966 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, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 116, 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, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 116, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.3823, 19.2631, 2.6966 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, 116, 0) }
```


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

```
.border{ border-color:rgb(153, 116, 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, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 116,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3823, 19.2631, 2.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 116, 0) }
```

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

```
.background{ background-color: rgb(153,  
116, 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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