

Converting Colors

XYZ(17.8992, 16.5760, 2.2561)

Have a look what the booklet for
XYZ(17.8992, 16.5760, 2.2561)
contains.

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Color

**XYZ(17.8992, 16.5760,
2.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	986800
RGB	152, 104, 0
RGB Percent	60%, 41%, 0%
CMY	0.4039, 0.5921, 1.0000
CMYK	0.00, 0.32, 1.00, 0.40
HSL	41°, 100%, 30%
HSV	41°, 100%, 60%
XYZ	17.8992, 16.5760, 2.2561
YIQ	106.4960, 61.9920, -22.1680

Conversions

Conversions Part 2

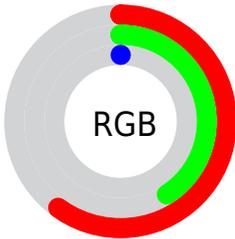
Format	Color
RYB	70, 152, 0
Decimal	9988096
CIELab	47.72, 11.93, 54.93
CIELCh	48, 56.213, 77.743
Yxy	16.5760, 0.4873, 0.4513
Android (android.graphics.Color)	4288178176 (0xFF986800)
YUV	106.4960, -52.5025, 39.9070
Hunter-Lab	40.7136, 7.2263, 25.2141

Details

The XYZ color **17.8992, 16.5760, 2.2561** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.7245, 4.3810, 30.1967**, and the grayscale version is **13.9647, 14.6919, 15.9995**.

A 20% lighter version of the original color is **39.4548, 37.6394, 9.7431**, and **6.2870, 5.4131, 0.7135** is the 20% darker color. If you saturate the color by 10%, you get **17.8993, 16.5765, 2.2562**, and if you desaturate by 10%, it is **18.4842, 17.6059, 2.8837**.

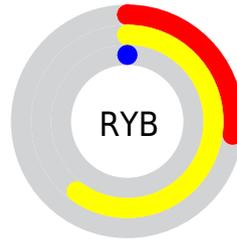
Distribution



Red (60%)

Green (41%)

Blue (0%)



Red (27%)

Yellow (60%)

Blue (0%)

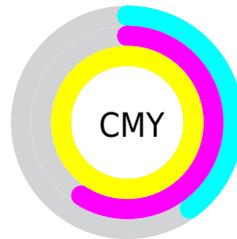


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8992, 16.5760, 2.2561 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 17.8992, 16.5760, 2.2561 by changing the saturation by 10% instead.

■ 17.8992, 16.5760,
2.2561

■ 17.8992, 16.5760,
2.2561

233.3589,
232.7170, 126.2347

■ 10.9769, 9.9327,
0.7065

■ 39.3969, 37.5953,
9.7298

■ 6.1185, 5.3543,
0.0000

■ 54.7030, 52.7401,
16.5133

■ 2.9586, 2.4566,
0.0000

■ 73.5345, 71.4874,
25.8859

■ 1.1319, 0.8548,
0.0000

■ 96.2566, 94.2218,
38.2662

■ 0.0516, 0.0000,
0.0000

■ 123.2347,
121.3275, 54.0726

■ 0.0000, 0.0000,
0.0000

■ 154.8342,

153.1890, 73.7239

 191.4205,
190.1907, 97.6384

 17.8992, 16.5760,
2.2561

 17.8992, 16.5760,
2.2561

 17.8993, 16.5765,
2.2562

 18.4842, 17.6059,
2.8837

 19.1611, 18.7166,
3.8584

 19.9602, 19.9216,
5.3374

 20.8941, 21.2265,
7.3834

 21.9730, 22.6363,
10.0496

■ 23.2065, 24.1553,
13.3834

■ 24.6030, 25.7874,
17.4273

■ 26.1702, 27.5365,
22.2202

■ 27.9153, 29.4061,
27.7984

Harmonies

Analogous

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



23.1963, 16.5760, 4.3286



17.8992, 16.5760, 2.2561



12.9871, 16.5760, 2.4320

Triad

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



17.8992, 16.5760, 2.2561



8.2209, 16.5760, 27.8759



24.0539, 16.5760, 43.8235

Complementary

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



17.8992, 16.5760, 2.2561



6.7245, 4.3810, 30.1967

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.



18.8906, 16.5760, 59.3821



17.8992, 16.5760, 2.2561



10.1042, 16.5760, 47.2984

Square

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



17.8992, 16.5760, 2.2561



8.0666, 16.5760, 12.7826



13.7892, 16.5760, 60.9131



27.2245, 16.5760, 24.5921

Rectangle

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



17.8992, 16.5760, 2.2561



10.5445, 16.5760, 3.8094



13.7892, 16.5760, 60.9131



22.4491, 16.5760, 50.0152

Sweetspot

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



17.8996, 16.5768, 2.2564



43.2741, 45.3429, 30.3059



13.4852, 6.8900, 3.4303



9.6119, 10.0475, 6.2309



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.



17.8996, 16.5768, 2.2564



31.4294, 28.9294, 3.9274



19.5597, 26.7514, 4.1328



6.5443, 6.8937, 6.5915



15.0369, 13.9562, 1.9013



0.2570, 0.2731, 0.0392

Inverse Universe

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



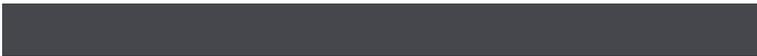
6.7245, 4.3810, 30.1967



11.7264, 7.4469, 53.2530



6.1429, 2.5122, 29.8667



6.0357, 6.3289, 7.8324



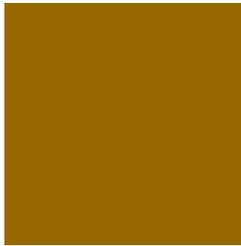
5.6635, 3.7237, 25.3279



0.1147, 0.1158, 0.3887

Previews

White Background



This preview shows how the XYZ color 17.8992, 16.5760, 2.2561 looks on a white background.

Color Contrast Check

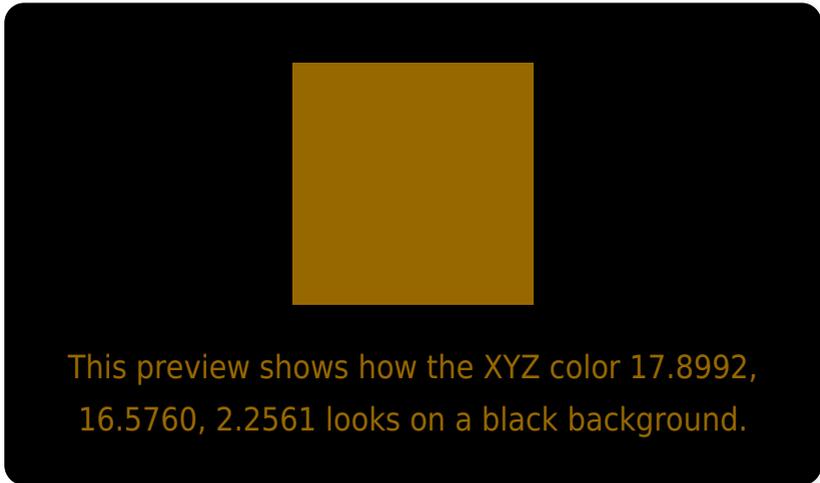
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

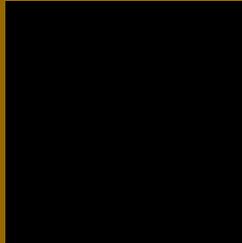
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8992, 16.5760, 2.2561

Background



This preview shows how black text looks on a background with the XYZ color 17.8992, 16.5760, 2.2561.



This preview shows how white text looks on a background with the XYZ color 17.8992, 16.5760,

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

17.8992, 16.5760, 2.2561

Protanopia

14.9742, 16.6457, 2.7109

Deuteranopia

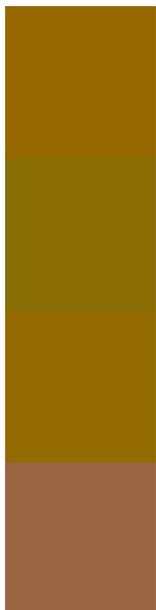
16.8642, 16.6544, 2.3258



Tritanopia

20.4837, 16.6168, 15.2245

Trichromacy



Original Color

17.8992, 16.5760, 2.2561

Protanomaly

15.9253, 16.4834, 2.5146

Deuteranomaly

17.2903, 16.7184, 2.3157

Tritanomaly

19.0581, 16.4763, 7.3300

Monochromacy



Original Color

17.8992, 16.5760, 2.2561

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2331, 14.7194, 7.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8992, 16.5760, 2.2561 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(152, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 104, 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(152, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 104, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.8992, 16.5760, 2.2561 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(152, 104, 0) }
```

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

```
.border{ border-color:rgb(152, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 104,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8992, 16.5760, 2.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 104, 0) }
```

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

```
.background{ background-color: rgb(152,  
104, 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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