

Converting Colors

XYZ(17.2103, 19.5515, 2.8670)

Have a look what the booklet for
XYZ(17.2103, 19.5515, 2.8670)
contains.

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Color

**XYZ(17.1993, 19.5662,
2.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	877C00
RGB	135, 124, 0
RGB Percent	53%, 49%, 0%
CMY	0.4706, 0.5137, 1.0000
CMYK	0.00, 0.08, 1.00, 0.47
HSL	55°, 100%, 26%
HSV	55°, 100%, 53%
XYZ	17.1993, 19.5662, 2.8702
YIQ	113.1530, 46.3600, -36.2320

Conversions

Conversions Part 2

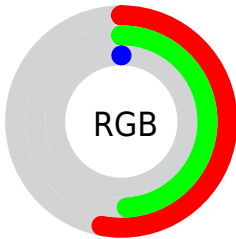
Format	Color
R_{YB}	12, 135, 0
Decimal	8879104
CIE Lab	51.34, -7.46, 56.59
CIE LCh	51, 57.076, 97.513
Yxy	19.5662, 0.4339, 0.4937
Android (android.graphics.Color)	4287069184 (0xFF877C00)
YUV	113.1530, -55.7844, 19.1598
Hunter-Lab	44.2337, -8.0032, 27.1164

Details

The XYZ color **17.1993, 19.5662, 2.8702** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.4930, 1.9888, 23.0684**, and the grayscale version is **15.8932, 16.7209, 18.2090**.

A 20% lighter version of the original color is **38.2469, 42.6505, 11.3708**, and **5.9778, 6.9182, 1.0203** is the 20% darker color. If you saturate the color by 10%, you get **17.1996, 19.5669, 2.8703**, and if you desaturate by 10%, it is **17.4143, 19.8747, 3.3166**.

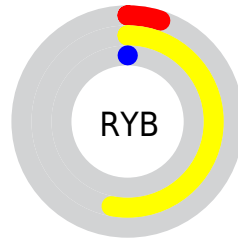
Distribution



Red (53%)

Green (49%)

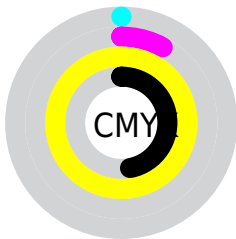
Blue (0%)



Red (5%)

Yellow (53%)

Blue (0%)

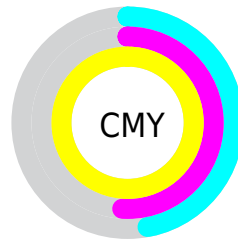


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1993, 19.5662, 2.8702 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 17.1993, 19.5662, 2.8702 by changing the saturation by 10% instead.

■ 17.1993, 19.5662,
2.8702

■ 17.1993, 19.5662,
2.8702

■ 229.4522,
249.5569, 134.6899

■ 10.4729, 12.0801,
1.0287

■ 38.2090, 42.6887,
11.3064

■ 5.7783, 6.7983,
0.0000

■ 53.2230, 59.0939,
18.7383

■ 2.7501, 3.3363,
0.0000

■ 71.7302, 79.2409,
28.8707

■ 1.0230, 1.3097,
0.0000

■ 94.0960, 103.5141,
42.1222


■ 0.0000, 0.1487,
0.0000


■ 120.6858,
132.2979, 58.9113


■ 0.0000, 0.0000,
0.0000


■ 151.8648,


165.9767, 79.6566


 187.9985,
204.9349, 104.7766


 17.1993, 19.5662,
2.8702


 17.1993, 19.5662,
2.8702


 17.1996, 19.5669,
2.8703

 17.4143, 19.8747,
3.3166

 17.6763, 20.2037,
4.0056

 18.0118, 20.5646,
5.0733

 18.4294, 20.9608,
6.5657

 18.9366, 21.3953,
8.5223

■ 19.5400, 21.8708,
10.9780

■ 20.2457, 22.3898,
13.9645

■ 21.0591, 22.9543,
17.5106

■ 21.9854, 23.5665,
21.6433

Harmonies

Analogous

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



23.1164, 19.5662, 3.4639



17.1993, 19.5662, 2.8702



12.6848, 19.5662, 4.8374

Triad

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



17.1993, 19.5662, 2.8702



11.1819, 19.5662, 46.7343



30.6863, 19.5662, 35.7218

Complementary

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



17.1993, 19.5662, 2.8702



4.4930, 1.9888, 23.0684

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.



26.1091, 19.5662, 57.2061



17.1993, 19.5662, 2.8702



14.7089, 19.5662, 65.5147

Square

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



17.1993, 19.5662, 2.8702



9.7034, 19.5662, 25.6818



20.0686, 19.5662, 70.0990



31.7312, 19.5662, 17.4548

Rectangle

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



17.1993, 19.5662, 2.8702



10.7935, 19.5662, 8.4927



20.0686, 19.5662, 70.0990



29.4703, 19.5662, 43.0269

Sweetspot

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



17.1997, 19.5671, 2.8706



36.1648, 40.0307, 24.6137



10.0536, 5.1758, 0.7937



8.2639, 9.1899, 5.2249



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1997, 19.5671, 2.8706



30.7464, 34.9307, 5.1218



11.8679, 18.9795, 3.0382



5.0082, 5.3599, 5.0000



15.8649, 18.0525, 2.6483



0.0573, 0.0673, 0.0100

Inverse Universe

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



4.4930, 1.9888, 23.0684



7.9931, 3.4557, 41.2941



6.0184, 2.5976, 23.1056



4.4627, 4.6011, 5.8536



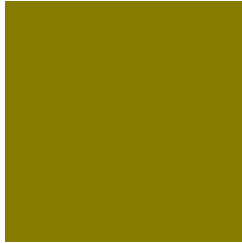
4.1477, 1.8432, 21.2739



0.0162, 0.0101, 0.0743

Previews

White Background



This preview shows how the XYZ color 17.1993, 19.5662, 2.8702 looks on a white background.

Color Contrast Check

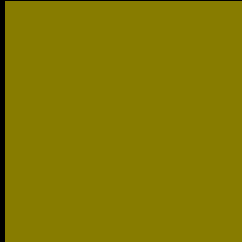
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1993, 19.5662, 2.8702 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 17.1993, 19.5662, 2.8702

Background



This preview shows how black text looks on a background with the XYZ color 17.1993, 19.5662, 2.8702.



This preview shows how white text looks on a background with the XYZ color 17.1993, 19.5662,

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

17.1993, 19.5662, 2.8702

Protanopia

17.5642, 19.5692, 2.8515

Deuteranopia

19.8641, 19.4998, 3.2472



Tritanopia

20.9242, 19.4675, 21.7236

Trichromacy



Original Color

17.1993, 19.5662, 2.8702

Protanomaly

17.3995, 19.4843, 2.8438

Deuteranomaly

18.8700, 19.5137, 3.0886

Tritanomaly

18.5372, 19.0103, 10.0895

Monochromacy



Original Color

17.1993, 19.5662, 2.8702

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4161, 17.2554, 8.6490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1993, 19.5662, 2.8702 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(135, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 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(135, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.1993, 19.5662, 2.8702 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(135, 124, 0) }
```


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

```
.border{ border-color:rgb(135, 124, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 124, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 124,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1993, 19.5662, 2.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 0) }
```

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

```
.background{ background-color: rgb(135,  
124, 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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