

Converting Colors

XYZ(11.9109, 10.7181, 1.4410)

Have a look what the booklet for
XYZ(11.9109, 10.7181, 1.4410)
contains.

XYZ(11.9953, 10.7757, 1.4477)	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(11.9953, 10.7757,
1.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	805300
RGB	128, 83, 0
RGB Percent	50%, 33%, 0%
CMY	0.4980, 0.6745, 1.0000
CMYK	0.00, 0.35, 1.00, 0.50
HSL	39°, 100%, 25%
HSV	39°, 100%, 50%
XYZ	11.9953, 10.7757, 1.4477
YIQ	86.9930, 53.4630, -16.2730

Conversions

Conversions Part 2

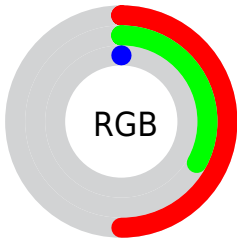
Format	Color
RYB	69, 128, 0
Decimal	8409856
CIELab	39.20, 12.87, 47.79
CIELCh	39, 49.494, 74.930
Yxy	10.7757, 0.4953, 0.4449
Android (android.graphics.Color)	4286599936 (0xFF805300)
YUV	86.9930, -42.8875, 35.9631
Hunter-Lab	32.8264, 7.7807, 20.3637

Details

The XYZ color **11.9953, 10.7757, 1.4477** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.8346, 3.4352, 20.8300**, and the grayscale version is **9.1393, 9.6153, 10.4711**.

A 20% lighter version of the original color is **28.9727, 27.1023, 7.4456**, and **3.4408, 2.8027, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **11.9954, 10.7760, 1.4478**, and if you desaturate by 10%, it is **12.4225, 11.5159, 1.9422**.

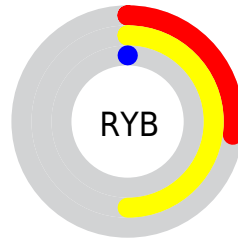
Distribution



Red (50%)

Green (33%)

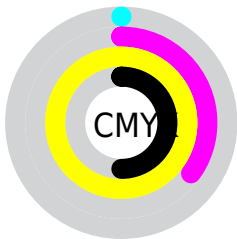
Blue (0%)



Red (27%)

Yellow (50%)

Blue (0%)

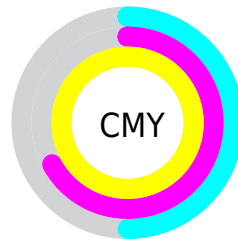


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9953, 10.7757, 1.4477 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 11.9953, 10.7757, 1.4477 by changing the saturation by 10% instead.

■ 11.9953, 10.7757,
1.4477

■ 11.9953, 10.7757,
1.4477

■ 198.1447,
196.1222, 113.1066

■ 6.8127, 5.9162,
0.1785

■ 29.1035, 27.2446,
7.4669

■ 3.3905, 2.7942,
0.0000

■ 41.7597, 39.6229,
13.2482

■ 1.3635, 1.0253,
0.0000

■ 57.6379, 55.2762,
21.4352

■ 0.2300, 0.0000,
0.0000


■ 77.1033, 74.5889,
32.4467


■ 0.0000, 0.0000,
0.0000


■ 100.5213, 97.9455,
46.7009


■ 128.2573,


125.7303, 64.6167


 160.6767,
158.3277, 86.6124


 11.9953, 10.7757,
1.4477


 11.9953, 10.7757,
1.4477


 11.9954, 10.7760,
1.4478

 12.4225, 11.5159,
1.9422

 12.9114, 12.3168,
2.6511

 13.4873, 13.1895,
3.7030

 14.1579, 14.1378,
5.1382

 14.9303, 15.1651,
6.9912

■ 15.8107, 16.2744,
9.2928

■ 16.8046, 17.4687,
12.0706

■ 17.9172, 18.7504,
15.3503

■ 19.1534, 20.1221,
19.1554

Harmonies

Analogous

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



15.4661, 10.7757, 2.9720



11.9953, 10.7757, 1.4477



8.6820, 10.7757, 1.4448

Triad

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



11.9953, 10.7757, 1.4477



5.2243, 10.7757, 17.1089



15.4516, 10.7757, 30.0492

Complementary

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



11.9953, 10.7757, 1.4477



4.8346, 3.4352, 20.8300

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.



11.9785, 10.7757, 39.7960



11.9953, 10.7757, 1.4477



6.3506, 10.7757, 29.9898

Square

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



11.9953, 10.7757, 1.4477



5.2269, 10.7757, 7.5881



8.6684, 10.7757, 39.7698



17.7364, 10.7757, 17.1648

Rectangle

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



11.9953, 10.7757, 1.4477



7.0009, 10.7757, 2.2147



8.6684, 10.7757, 39.7698



14.3548, 10.7757, 34.0482

Sweetspot

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



11.9955, 10.7763, 1.4479



29.4596, 30.6061, 20.8855



9.4138, 4.7939, 3.1117



6.7476, 6.9879, 4.4655



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.9955, 10.7763, 1.4479



20.9817, 18.6963, 2.5029



14.2662, 18.8133, 2.8795



4.5421, 4.7729, 4.6020



11.8958, 10.6880, 1.4360



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.8346, 3.4352, 20.8300



8.3866, 5.7971, 36.6332



4.1287, 1.6784, 20.5281



4.2229, 4.4399, 5.4477



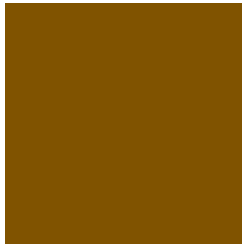
4.7950, 3.4085, 20.6551



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.9953, 10.7757, 1.4477 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



This preview shows how the XYZ color 11.9953, 10.7757, 1.4477 looks on a 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 11.9953, 10.7757, 1.4477

Background



This preview shows how black text looks on a background with the XYZ color 11.9953, 10.7757, 1.4477.



This preview shows how white text looks on a background with the XYZ color 11.9953, 10.7757,

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

11.9953, 10.7757, 1.4477

Protanopia

9.7894, 10.8517, 1.8371

Deuteranopia

10.8258, 10.7614, 1.5066



Tritanopia

13.5753, 10.7576, 9.5445

Trichromacy



Original Color

11.9953, 10.7757, 1.4477

Protanomaly

10.4153, 10.6686, 1.6826

Deuteranomaly

11.2129, 10.7205, 1.4783

Tritanomaly

12.6445, 10.5948, 4.7467

Monochromacy



Original Color

11.9953, 10.7757, 1.4477

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.4969, 9.7562, 4.9970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9953, 10.7757, 1.4477 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(128, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 83, 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(128, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 83, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9953, 10.7757, 1.4477 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(128, 83, 0) }
```


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

```
.border{ border-color:rgb(128, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(128, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(128, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9953, 10.7757, 1.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 83, 0) }
```

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

```
.background{ background-color: rgb(128, 83,  
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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