

Converting Colors

XYZ(13.0854, 11.1150, 1.7722)

Have a look what the booklet for
XYZ(13.0854, 11.1150, 1.7722)
contains.

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Color

**XYZ(13.1562, 11.1433,
1.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	88510B
RGB	136, 81, 11
RGB Percent	53%, 32%, 4%
CMY	0.4667, 0.6823, 0.9568
CMYK	0.00, 0.40, 0.92, 0.47
HSL	34°, 85%, 29%
HSV	34°, 92%, 53%
XYZ	13.1562, 11.1433, 1.7741
YIQ	89.4650, 55.2500, -10.1100

Conversions

Conversions Part 2

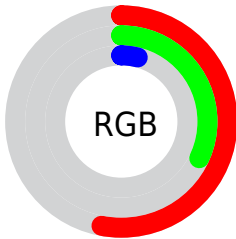
Format	Color
RYB	109, 136, 11
Decimal	8933643
CIELab	39.82, 18.04, 45.54
CIElCh	40, 48.981, 68.394
Yxy	11.1433, 0.5046, 0.4274
Android (android.graphics.Color)	4287123723 (0xFF88510B)
YUV	89.4650, -38.6832, 40.8112
Hunter-Lab	33.3816, 11.9319, 20.2161

Details

The XYZ color **13.1562, 11.1433, 1.7741** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.5301, 5.7451, 24.0571**, and the grayscale version is **9.6739, 10.1777, 11.0836**.

A 20% lighter version of the original color is **31.2616, 28.0608, 8.4712**, and **3.9391, 2.9672, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **12.7489, 10.4255, 1.3404**, and if you desaturate by 10%, it is **13.7317, 12.1171, 2.5126**.

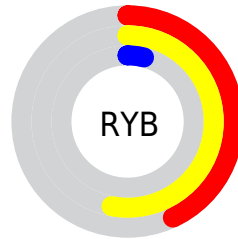
Distribution



Red (53%)

Green (32%)

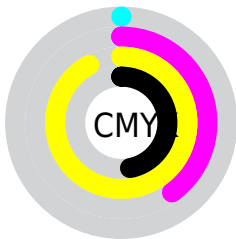
Blue (4%)



Red (43%)

Yellow (53%)

Blue (4%)

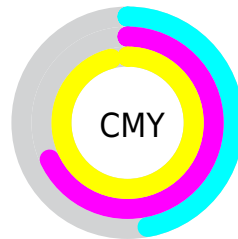


Cyan (0%)

Magenta (40%)

Yellow (92%)

Black (47%)



Cyan (47%)


Magenta (68%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.1562, 11.1433, 1.7741 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 13.1562, 11.1433, 1.7741 by changing the saturation by 10% instead.

 13.1562, 11.1433,
1.7741


 13.1562, 11.1433,
1.7741


 205.5337,
198.6481, 118.7641


 7.6139, 6.1633,
0.4108


 31.1831, 27.9248,
8.4135


 3.8986, 2.9446,
0.0000

 44.3983, 40.4952,
14.6258


 1.6450, 1.1029,
0.0000

 60.9020, 56.3644,
23.3245

 0.4214, 0.0000,
0.0000


 81.0595, 75.9170,
34.9283


 0.0000, 0.0000,
0.0000


 105.2360, 99.5372,
49.8556


 133.7970,


127.6096, 68.5250


 167.1078,
160.5184, 91.3550


 13.1562, 11.1433,
1.7741


 13.1562, 11.1433,
1.7741


 12.7489, 10.4255,
1.3404

 13.7317, 12.1171,
2.5126

 14.4183, 13.1992,
3.6388

 15.2263, 14.3956,
5.2018

 16.1645, 15.7113,
7.2432

 17.2407, 17.1508,
9.7997

■ 18.4619, 18.7183,
12.9041

■ 19.8347, 20.4177,
16.5869

■ 21.3652, 22.2528,
20.8761

■ 23.0590, 24.2270,
25.7978

Harmonies

Analogous

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



16.5129, 11.1433, 3.8814



13.1562, 11.1433, 1.7741



9.6749, 11.1433, 1.4852

Triad

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



13.1562, 11.1433, 1.7741



5.3945, 11.1433, 15.0432



15.1379, 11.1433, 33.2137

Complementary

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



13.1562, 11.1433, 1.7741



6.5301, 5.7451, 24.0571

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.



11.5639, 11.1433, 41.2352



13.1562, 11.1433, 1.7741



6.2876, 11.1433, 27.6579

Square

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



13.1562, 11.1433, 1.7741



5.6439, 11.1433, 6.5103



8.3836, 11.1433, 38.7914



17.8153, 11.1433, 20.3127

Rectangle

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



13.1562, 11.1433, 1.7741



7.8036, 11.1433, 2.0440



8.3836, 11.1433, 38.7914



13.9746, 11.1433, 36.8144

Sweetspot

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



13.1564, 11.1439, 1.7743



33.3043, 33.9501, 24.7686



11.2937, 5.8819, 5.8900



7.5083, 7.6060, 5.1971



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.



13.1564, 11.1439, 1.7743



22.3112, 18.0603, 2.3101



18.0321, 22.3584, 3.6820



5.2499, 5.4827, 5.3340



12.0759, 9.8863, 1.2718



0.0948, 0.0949, 0.0133

Inverse Universe

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



6.5301, 5.7451, 24.0571



10.5145, 8.4985, 42.1346



4.7994, 2.1385, 23.4522



4.9439, 5.2307, 6.3549



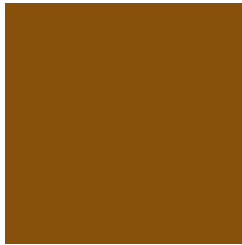
5.7364, 4.7430, 22.6588



0.0523, 0.0599, 0.1553

Previews

White Background



This preview shows how the XYZ color 13.1562, 11.1433, 1.7741 looks on a white background.

Color Contrast Check

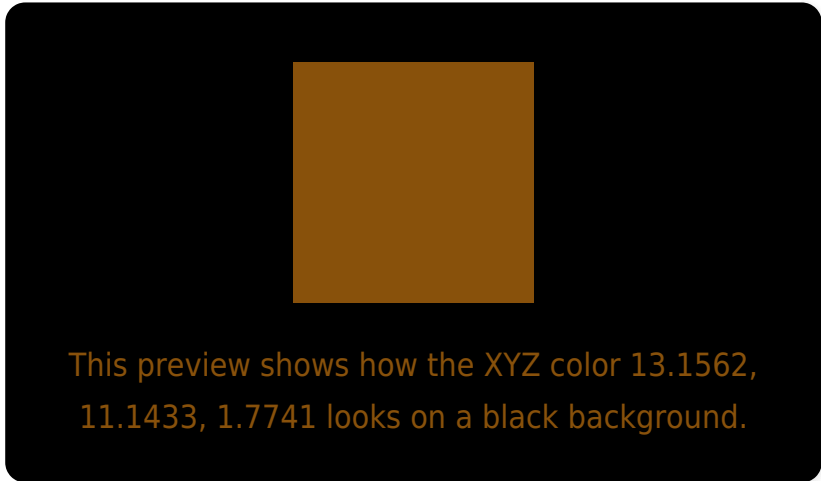
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1562, 11.1433, 1.7741

Background



This preview shows how black text looks on a background with the XYZ color 13.1562, 11.1433, 1.7741.



This preview shows how white text looks on a background with the XYZ color 13.1562, 11.1433,

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

13.1562, 11.1433, 1.7741

Protanopia

10.1223, 11.2831, 2.0963

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

14.6487, 11.1152, 9.1580

Trichromacy



Original Color

13.1562, 11.1433, 1.7741

Protanomaly

11.0715, 11.1259, 1.9795

Deuteranomaly

11.8876, 11.1851, 1.6473

Tritanomaly

13.8489, 10.9966, 5.1340

Monochromacy



Original Color

13.1562, 11.1433, 1.7741

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.1140, 10.0567, 5.8229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1562, 11.1433, 1.7741 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(136, 81, 11)` looks like.

```
.text, #text, p{  
    color:rgb(136, 81, 11)  
}
```

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(136, 81, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 81, 11) }
```

Border

The CSS property to change the border of an element to XYZ 13.1562, 11.1433, 1.7741 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(136, 81, 11) }
```


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

```
.border{ border-color:rgb(136, 81, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 81, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 81, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 81, 11);  
box-shadow:4px 4px 4px 4px rgb(136, 81,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1562, 11.1433, 1.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 81, 11) }
```

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

```
.background{ background-color: rgb(136, 81,  
11) }
```

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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