

Converting Colors

XYZ(13.1772, 11.1851, 1.4644)

Have a look what the booklet for
XYZ(13.1772, 11.1851, 1.4644)
contains.

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Color

**XYZ(13.0958, 11.1191,
1.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	885100
RGB	136, 81, 0
RGB Percent	53%, 32%, 0%
CMY	0.4667, 0.6823, 1.0000
CMYK	0.00, 0.40, 1.00, 0.47
HSL	36°, 100%, 27%
HSV	36°, 100%, 53%
XYZ	13.0958, 11.1191, 1.4560
YIQ	88.2110, 58.7810, -13.5310

Conversions

Conversions Part 2

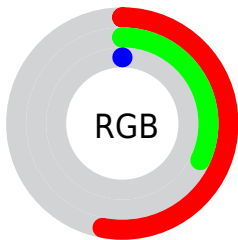
Format	Color
RYB	92, 136, 0
Decimal	8933632
CIELab	39.78, 17.81, 48.70
CIELCh	40, 51.858, 69.909
Yxy	11.1191, 0.5101, 0.4331
Android (android.graphics.Color)	4287123712 (0xFF885100)
YUV	88.2110, -43.4880, 41.9110
Hunter-Lab	33.3453, 11.7485, 20.7529

Details

The XYZ color **13.0958, 11.1191, 1.4560** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.8102, 4.5100, 23.8567**, and the grayscale version is **9.4055, 9.8954, 10.7761**.

A 20% lighter version of the original color is **30.9446, 27.7201, 7.4609**, and **3.9391, 2.9672, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **13.0959, 11.1194, 1.4560**, and if you desaturate by 10%, it is **13.5981, 12.0012, 2.0013**.

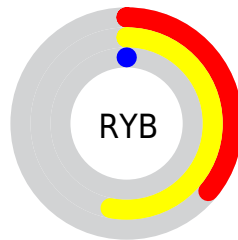
Distribution



Red (53%)

Green (32%)

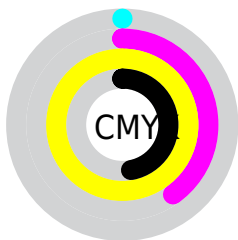
Blue (0%)



Red (36%)

Yellow (53%)

Blue (0%)

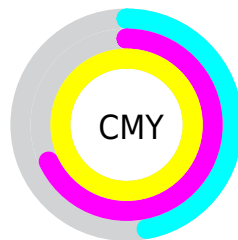


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0958, 11.1191, 1.4560 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 13.0958, 11.1191, 1.4560 by changing the saturation by 10% instead.

■ 13.0958, 11.1191,
1.4560

■ 13.0958, 11.1191,
1.4560

■ 205.1559,
198.4828, 113.2580

■ 7.5720, 6.1470,
0.1848

■ 31.0756, 27.8802,
7.4917

■ 3.8718, 2.9347,
0.0000

■ 44.2624, 40.4380,
13.2845

■ 1.6299, 1.0977,
0.0000

■ 60.7342, 56.2931,
21.4852

■ 0.4118, 0.0000,
0.0000


■ 80.8563, 75.8300,
32.5126


■ 0.0000, 0.0000,
0.0000


■ 104.9942, 99.4330,
46.7849


■ 133.5132,


127.4866, 64.7210


 166.7787,
160.3750, 86.7391


 13.0958, 11.1191,
1.4560


 13.0958, 11.1191,
1.4560


 13.0959, 11.1194,
1.4560

 13.5981, 12.0012,
2.0013

 14.1809, 12.9692,
2.8052

 14.8715, 14.0356,
4.0053

 15.6792, 15.2055,
5.6486

 16.6125, 16.4831,
7.7755

■ 17.6789, 17.8726,
10.4219

■ 18.8849, 19.3777,
13.6201

■ 20.2369, 21.0019,
17.3999

■ 21.7408, 22.7485,
21.7889

Harmonies

Analogous

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



16.7295, 11.1191, 3.3875



13.0958, 11.1191, 1.4560



9.4348, 11.1191, 1.2476

Triad

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



13.0958, 11.1191, 1.4560



5.1620, 11.1191, 15.7992



15.5907, 11.1191, 34.1995

Complementary

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



13.0958, 11.1191, 1.4560



5.8102, 4.5100, 23.8567

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.



11.7893, 11.1191, 43.4608



13.0958, 11.1191, 1.4560



6.1429, 11.1191, 29.5193

Square

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



13.0958, 11.1191, 1.4560



5.3592, 11.1191, 6.5484



8.3890, 11.1191, 41.3855



18.3792, 11.1191, 20.1575

Rectangle

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



13.0958, 11.1191, 1.4560



7.5122, 11.1191, 1.8291



8.3890, 11.1191, 41.3855



14.3579, 11.1191, 38.2538

Sweetspot

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



13.0960, 11.1197, 1.4562



33.1342, 33.9696, 23.6035



10.8836, 5.5264, 4.3208



7.4875, 7.6372, 4.9661



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.



13.0960, 11.1197, 1.4562



22.9241, 19.2861, 2.5144



17.2130, 21.9432, 3.3284



5.2642, 5.5113, 5.3387



12.4042, 10.5428, 1.3812



0.0968, 0.0989, 0.0140

Inverse Universe

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



5.8102, 4.5100, 23.8567



10.0945, 7.6586, 41.9946



4.5865, 1.8511, 23.4080



4.9299, 5.2027, 6.3502



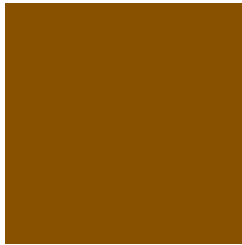
5.5077, 4.2858, 22.5826



0.0503, 0.0559, 0.1546

Previews

White Background



This preview shows how the XYZ color 13.0958, 11.1191, 1.4560 looks on a white background.

Color Contrast Check

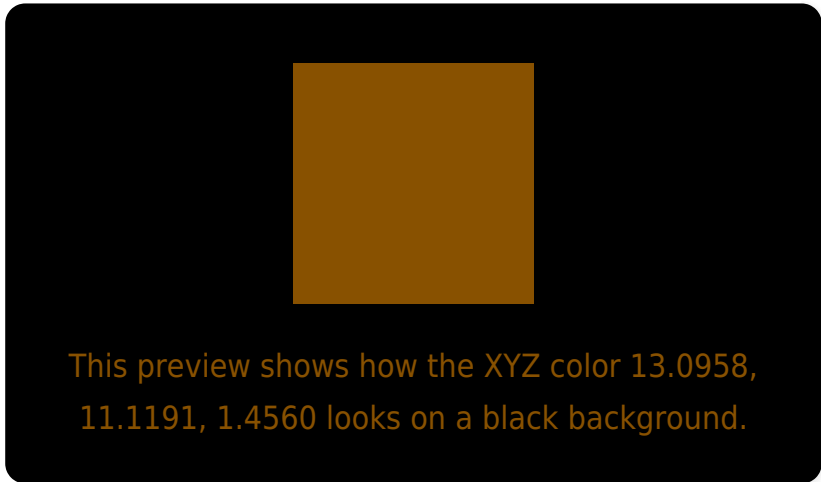
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0958, 11.1191, 1.4560

Background



This preview shows how black text looks on a background with the XYZ color 13.0958, 11.1191, 1.4560.



This preview shows how white text looks on a background with the XYZ color 13.0958, 11.1191,

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

13.0958, 11.1191, 1.4560

Protanopia

10.0909, 11.2705, 1.9307

Deuteranopia

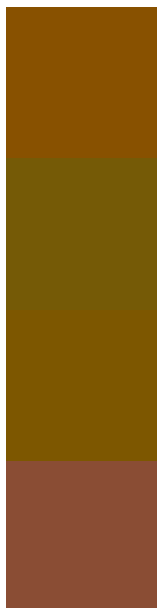
11.2639, 11.2343, 1.5748



Tritanopia

14.6487, 11.1152, 9.1580

Trichromacy



Original Color

13.0958, 11.1191, 1.4560

Protanomaly

11.0252, 11.1074, 1.7351

Deuteranomaly

11.8656, 11.1764, 1.5319

Tritanomaly

13.7549, 10.9590, 4.6391

Monochromacy



Original Color

13.0958, 11.1191, 1.4560

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.7880, 9.7858, 5.1143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0958, 11.1191, 1.4560 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 81, 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(136, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 81, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.0958, 11.1191, 1.4560 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, 0) }
```


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

```
.border{ border-color:rgb(136, 81, 0) }
```

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, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.0958, 11.1191, 1.4560 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, 0) }
```

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

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