

Converting Colors

XYZ(11.0694, 10.1196, 0.7541)

Have a look what the booklet for
XYZ(11.0694, 10.1196, 0.7541)
contains.

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Color

**XYZ(11.1108, 10.0958,
1.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5100
RGB	123, 81, 0
RGB Percent	48%, 32%, 0%
CMY	0.5176, 0.6823, 1.0000
CMYK	0.00, 0.34, 1.00, 0.52
HSL	40°, 100%, 24%
HSV	40°, 100%, 48%
XYZ	11.1108, 10.0958, 1.3631
YIQ	84.3240, 51.0330, -16.2870

Conversions

Conversions Part 2

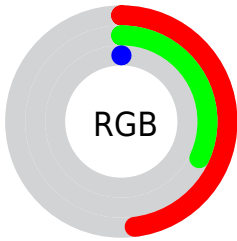
Format	Color
RYB	64, 123, 0
Decimal	8081664
CIELab	38.01, 11.66, 46.69
CIELCh	38, 48.122, 75.978
Yxy	10.0958, 0.4923, 0.4473
Android (android.graphics.Color)	4286271744 (0xFF7B5100)
YUV	84.3240, -41.5717, 33.9189
Hunter-Lab	31.7739, 6.8142, 19.6982

Details

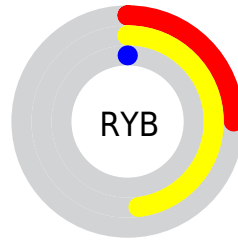
The XYZ color **11.1108, 10.0958, 1.3631** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.4031, 3.0860, 19.1023**, and the grayscale version is **8.5703, 9.0166, 9.8191**.

A 20% lighter version of the original color is **27.4946, 25.9444, 7.1731**, and **3.1158, 2.5883, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **11.1109, 10.0961, 1.3631**, and if you desaturate by 10%, it is **11.5011, 10.7673, 1.8298**.

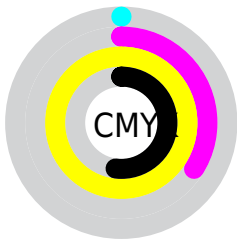
Distribution



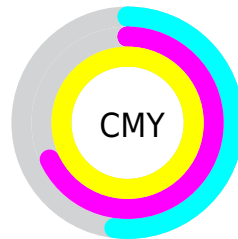
- Red (48%)
- Green (32%)
- Blue (0%)



- Red (25%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1108, 10.0958, 1.3631 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 11.1108, 10.0958, 1.3631 by changing the saturation by 10% instead.

■ 11.1108, 10.0958,
1.3631

■ 11.1108, 10.0958,
1.3631

■ 192.3188,
191.3544, 111.5366

■ 6.2093, 5.4625,
0.1127

■ 27.4960, 25.9755,
7.2123

■ 3.0146, 2.5211,
0.0000

■ 39.7104, 37.9908,
12.8742

■ 1.1615, 0.8872,
0.0000

■ 55.0931, 53.2355,
20.9191

■ 0.0756, 0.0000,
0.0000

■ 74.0094, 72.0940,
31.7654


■ 0.0000, 0.0000,
0.0000


■ 96.8248, 94.9508,
45.8318


■ 123.9046,


122.1902, 63.5368


 155.6141,
154.1966, 85.2989


 11.1108, 10.0958,
1.3631


 11.1108, 10.0958,
1.3631


 11.1109, 10.0961,
1.3631

 11.5011, 10.7673,
1.8298

 11.9455, 11.4914,
2.4859

 12.4682, 12.2788,
3.4553

 13.0762, 13.1328,
4.7740

 13.7758, 14.0565,
6.4735

■ 14.5726, 15.0524,
8.5813

■ 15.4716, 16.1232,
11.1227

■ 16.4774, 17.2712,
14.1207

■ 17.5944, 18.4985,
17.5968

Harmonies

Analogous

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



14.3530, 10.0958, 2.7282



11.1108, 10.0958, 1.3631



8.0493, 10.0958, 1.4009

Triad

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



11.1108, 10.0958, 1.3631



4.9369, 10.0958, 16.3823



14.5418, 10.0958, 27.5961

Complementary

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



11.1108, 10.0958, 1.3631



4.4031, 3.0860, 19.1023

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.



11.3286, 10.0958, 36.8607



11.1108, 10.0958, 1.3631



6.0263, 10.0958, 28.3632

Square

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



11.1108, 10.0958, 1.3631



4.9032, 10.0958, 7.3592



8.2251, 10.0958, 37.1992



16.6036, 10.0958, 15.6599

Rectangle

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



11.1108, 10.0958, 1.3631



6.5075, 10.0958, 2.1653



8.2251, 10.0958, 37.1992



13.5330, 10.0958, 31.3528

Sweetspot

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



11.1110, 10.0963, 1.3633



27.5802, 28.7262, 19.5535



8.6054, 4.3858, 2.6835



6.3595, 6.6052, 4.2151



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.1110, 10.0963, 1.3633



19.7607, 17.8071, 2.3956



12.8559, 17.1419, 2.6313



4.1980, 4.4143, 4.2553



11.4891, 10.4341, 1.4084



53.9903, 48.1440, 6.4471

Inverse Universe

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



4.4031, 3.0860, 19.1023



7.7614, 5.2793, 34.1665



3.8332, 1.5631, 18.8384



3.8992, 4.0966, 5.0284



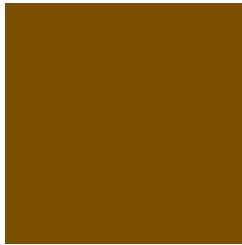
4.5502, 3.1828, 19.7598



20.9857, 13.7440, 94.0166

Previews

White Background



This preview shows how the XYZ color 11.1108, 10.0958, 1.3631 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 11.1108, 10.0958, 1.3631

Background



This preview shows how black text looks on a background with the XYZ color 11.1108, 10.0958, 1.3631.



This preview shows how white text looks on a background with the XYZ color 11.1108, 10.0958,

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

11.1108, 10.0958, 1.3631

Protanopia

9.1795, 10.1546, 1.7060

Deuteranopia

10.1879, 10.0744, 1.4076



Tritanopia

12.6055, 10.0619, 9.0623

Trichromacy



Original Color

11.1108, 10.0958, 1.3631

Protanomaly

9.8660, 10.1423, 1.5813

Deuteranomaly

10.5064, 10.1226, 1.4001

Tritanomaly

11.7312, 9.9157, 4.5444

Monochromacy



Original Color

11.1108, 10.0958, 1.3631

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.7729, 9.0402, 4.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1108, 10.0958, 1.3631 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(123, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1108, 10.0958, 1.3631 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(123, 81, 0) }
```


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

```
.border{ border-color:rgb(123, 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(123, 81, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1108, 10.0958, 1.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 0) }
```

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

```
.background{ background-color: rgb(123, 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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