

Converting Colors

XYZ(11.3249, 11.1246, 2.3094)

Have a look what the booklet for
XYZ(11.3249, 11.1246, 2.3094)
contains.

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Color

**XYZ(11.3249, 11.1246,
2.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	775916
RGB	119, 89, 22
RGB Percent	47%, 35%, 9%
CMY	0.5333, 0.6510, 0.9137
CMYK	0.00, 0.25, 0.82, 0.53
HSL	41°, 69%, 28%
HSV	41°, 82%, 47%
XYZ	11.3249, 11.1246, 2.3094
YIQ	90.3320, 39.3870, -14.4770

Conversions

Conversions Part 2

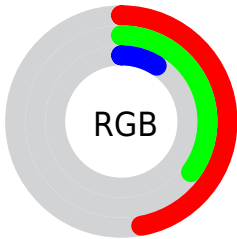
Format	Color
R_{YB}	65, 119, 22
Decimal	7821590
CIE _{Lab}	39.79, 5.57, 40.83
CIE _{LCh}	40, 41.205, 82.237
Yxy	11.1246, 0.4574, 0.4493
Android (android.graphics.Color)	4286011670 (0xFF775916)
YUV	90.3320, -33.6877, 25.1418
Hunter-Lab	33.3536, 2.2393, 19.2423

Details

The XYZ color **11.3249, 11.1246, 2.3094** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.8885, 3.9583, 17.9589**, and the grayscale version is **9.8604, 10.3739, 11.2972**.

A 20% lighter version of the original color is **27.8255, 27.9188, 9.8835**, and **3.2154, 2.9947, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **10.9370, 10.4921, 1.7388**, and if you desaturate by 10%, it is **11.7816, 11.8101, 3.1646**.

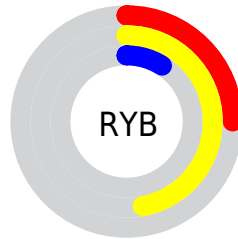
Distribution



Red (47%)

Green (35%)

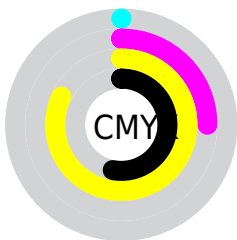
Blue (9%)



Red (25%)

Yellow (47%)

Blue (9%)

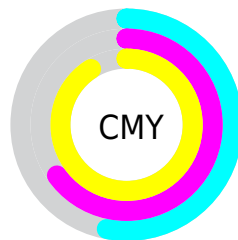


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3249, 11.1246, 2.3094 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 11.3249, 11.1246, 2.3094 by changing the saturation by 10% instead.

■ 11.3249, 11.1246,
2.3094

■ 11.3249, 11.1246,
2.3094

193.7458,
198.5204, 127.0099

■ 6.3547, 6.1507,
0.7365

■ 27.8871, 27.8903,
9.8706

■ 3.1046, 2.9369,
0.0000

■ 40.2098, 40.4510,
16.7135

■ 1.2093, 1.0989,
0.0000

■ 55.7140, 56.3093,
26.1559

■ 0.1137, 0.0000,
0.0000

■ 74.7651, 75.8498,
38.6163


■ 0.0000, 0.0000,
0.0000


■ 97.7285, 99.4567,
54.5135


■ 124.9695,


127.5145, 74.2657


 156.8535,
160.4076, 98.2917


 11.3249, 11.1246,
2.3094


 11.3249, 11.1246,
2.3094


 10.9370, 10.4921,
1.7388


 11.7816, 11.8101,
3.1646

 10.6400, 9.9866,
1.3668

 12.3130, 12.5498,
4.3377

 12.9251, 13.3470,
5.8583

 13.6231, 14.2041,
7.7523

 14.4116, 15.1232,
10.0430

■ 15.2948, 16.1064,
12.7521

■ 16.2767, 17.1556,
15.8994

■ 17.3611, 18.2725,
19.5036

■ 18.5515, 19.4589,
23.5823

Harmonies

Analogous

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



14.2637, 11.1246, 3.5038



11.3249, 11.1246, 2.3094



8.6472, 11.1246, 2.6622

Triad

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



11.3249, 11.1246, 2.3094



6.2983, 11.1246, 19.0103



15.4789, 11.1246, 24.3651

Complementary

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



11.3249, 11.1246, 2.3094



4.8885, 3.9583, 17.9589

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.



12.7668, 11.1246, 32.9898



11.3249, 11.1246, 2.3094



7.5821, 11.1246, 29.0567

Square

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



11.3249, 11.1246, 2.3094



6.0507, 11.1246, 10.1295



9.8563, 11.1246, 35.0093



16.9252, 11.1246, 14.3394

Rectangle

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



11.3249, 11.1246, 2.3094



7.3246, 11.1246, 3.8567



9.8563, 11.1246, 35.0093



14.6642, 11.1246, 27.6793

Sweetspot

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



11.3252, 11.1252, 2.3096



26.8804, 28.2844, 21.2502



8.5307, 4.7502, 3.8015



6.2603, 6.5808, 4.6978



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.3252, 11.1252, 2.3096



19.0462, 17.8416, 2.5293



12.1327, 16.0306, 3.2139



3.8757, 4.0843, 3.9264



11.2959, 10.5930, 1.4493



54.2593, 50.0471, 6.8003

Inverse Universe

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



4.8885, 3.9583, 17.9589



7.1530, 4.7080, 31.7848



4.4834, 2.3526, 17.6703



3.5845, 3.7576, 4.6266



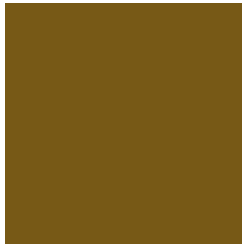
4.2261, 2.7918, 18.8587



19.9132, 12.2429, 91.6739

Previews

White Background



This preview shows how the XYZ color 11.3249, 11.1246, 2.3094 looks on a white background.

Color Contrast Check

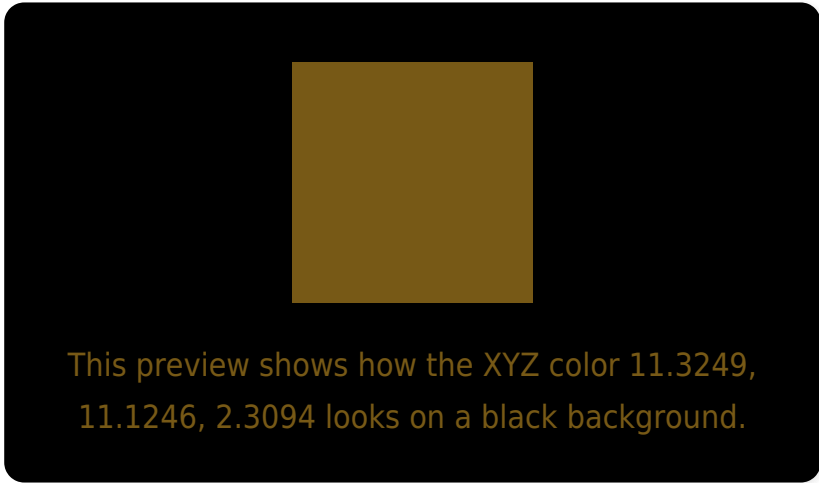
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3249, 11.1246, 2.3094

Background



This preview shows how black text looks on a background with the XYZ color 11.3249, 11.1246, 2.3094.



This preview shows how white text looks on a background with the XYZ color 11.3249, 11.1246,

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

11.3249, 11.1246, 2.3094

Protanopia

10.1012, 11.1314, 2.4268

Deuteranopia

11.1884, 11.0542, 2.3030



Tritanopia

13.0648, 11.1187, 10.9087

Trichromacy



Original Color

11.3249, 11.1246, 2.3094

Protanomaly

10.5373, 11.0957, 2.3969

Deuteranomaly

11.1884, 11.0542, 2.3030

Tritanomaly

12.2287, 11.0162, 6.4829

Monochromacy



Original Color

11.3249, 11.1246, 2.3094

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.9771, 10.4607, 6.4943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3249, 11.1246, 2.3094 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(119, 89, 22)` looks like.

```
.text, #text, p{  
    color:rgb(119, 89, 22)  
}
```

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(119, 89, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 89, 22) }
```

Border

The CSS property to change the border of an element to XYZ 11.3249, 11.1246, 2.3094 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(119, 89, 22) }
```


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

```
.border{ border-color:rgb(119, 89, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 89, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 89, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 89, 22);  
box-shadow:4px 4px 4px 4px rgb(119, 89,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3249, 11.1246, 2.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 89, 22) }
```

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

```
.background{ background-color: rgb(119, 89,  
22) }
```

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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