

Converting Colors

XYZ(11.4186, 11.2961, 2.3892)

Have a look what the booklet for
XYZ(11.4186, 11.2961, 2.3892)
contains.

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Color

**XYZ(11.4186, 11.2961,
2.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	775A17
RGB	119, 90, 23
RGB Percent	47%, 35%, 9%
CMY	0.5333, 0.6470, 0.9098
CMYK	0.00, 0.24, 0.81, 0.53
HSL	42°, 68%, 28%
HSV	42°, 81%, 47%
XYZ	11.4186, 11.2961, 2.3892
YIQ	91.0330, 38.7910, -14.6890

Conversions

Conversions Part 2

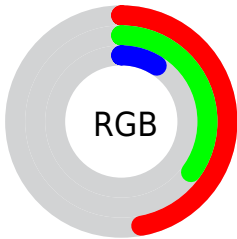
Format	Color
R_{YB}	65, 119, 23
Decimal	7821847
CIE _{Lab}	40.07, 5.01, 40.69
CIE _{LCh}	40, 40.996, 82.976
Yxy	11.2961, 0.4549, 0.4500
Android (android.graphics.Color)	4286011927 (0xFF775A17)
YUV	91.0330, -33.5403, 24.5271
Hunter-Lab	33.6097, 1.8269, 19.3120

Details

The XYZ color **11.4186, 11.2961, 2.3892** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.9112, 3.9701, 17.9602**, and the grayscale version is **10.0194, 10.5412, 11.4794**.

A 20% lighter version of the original color is **28.0033, 28.2227, 10.1025**, and **3.2531, 3.0701, 0.4211** is the 20% darker color. If you saturate the color by 10%, you get **11.0293, 10.6673, 1.7975**, and if you desaturate by 10%, it is **11.8767, 11.9767, 3.2684**.

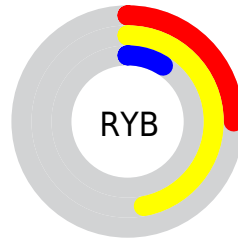
Distribution



Red (47%)

Green (35%)

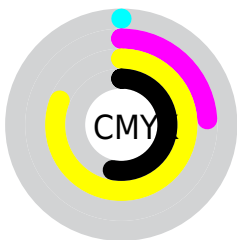
Blue (9%)



Red (25%)

Yellow (47%)

Blue (9%)

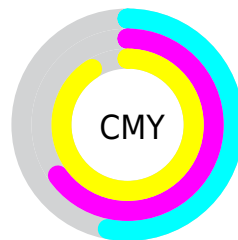


Cyan (0%)

Magenta (24%)

Yellow (81%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4186, 11.2961, 2.3892 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 11.4186, 11.2961, 2.3892 by changing the saturation by 10% instead.

■ 11.4186, 11.2961,
2.3892

■ 11.4186, 11.2961,
2.3892

194.3669,
199.6879, 128.1544

■ 6.4185, 6.2664,
0.7806

■ 28.0578, 28.2064,
10.0799

■ 3.1442, 3.0077,
0.0000

■ 40.4276, 40.8558,
17.0104

■ 1.2305, 1.1358,
0.0000

■ 55.9847, 56.8138,
26.5558

■ 0.1302, 0.0083,
0.0000

■ 75.0945, 76.4649,
39.1346


■ 0.0000, 0.0000,
0.0000


■ 98.1222, 100.1935,
55.1653


■ 125.4333,


128.3839, 75.0665


 157.3930,
161.4206, 99.2566


 11.4186, 11.2961,
2.3892


 11.4186, 11.2961,
2.3892


 11.0293, 10.6673,
1.7975


 11.8767, 11.9767,
3.2684

 10.7052, 10.1168,
1.3885

 12.4093, 12.7105,
4.4679

 13.0225, 13.5006,
6.0170

 13.7212, 14.3493,
7.9412

 14.5100, 15.2588,
10.2639

■ 15.3931, 16.2311,
13.0064

■ 16.3746, 17.2680,
16.1885

■ 17.4581, 18.3712,
19.8288

■ 18.6470, 19.5425,
23.9447

Harmonies

Analogous

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



14.3737, 11.2961, 3.5595



11.4186, 11.2961, 2.3892



8.7421, 11.2961, 2.7863

Triad

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



11.4186, 11.2961, 2.3892



6.4513, 11.2961, 19.4738



15.7157, 11.2961, 24.3312

Complementary

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



11.4186, 11.2961, 2.3892



4.9112, 3.9701, 17.9602

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.



13.0135, 11.2961, 33.0601



11.4186, 11.2961, 2.3892



7.7715, 11.2961, 29.4976

Square

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



11.4186, 11.2961, 2.3892



6.1759, 11.2961, 10.4838



10.0823, 11.2961, 35.2807



17.1229, 11.2961, 14.3137

Rectangle

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



11.4186, 11.2961, 2.3892



7.4264, 11.2961, 4.0363



10.0823, 11.2961, 35.2807



14.9081, 11.2961, 27.6657

Sweetspot

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



11.4189, 11.2967, 2.3894



26.9211, 28.3658, 21.2638



8.5661, 4.7956, 3.8910



6.2710, 6.6021, 4.7013



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.



11.4189, 11.2967, 2.3894



19.2221, 18.1796, 2.6299



12.1633, 16.0454, 3.2668



3.8777, 4.0885, 3.9271



11.3651, 10.7314, 1.4724



54.6048, 50.7381, 6.9155

Inverse Universe

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



4.9112, 3.9701, 17.9602



7.1721, 4.7172, 31.7856



4.5349, 2.4081, 17.6786



3.5825, 3.7537, 4.6259



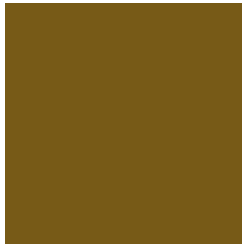
4.1984, 2.7365, 18.8495



19.7888, 11.9941, 91.6324

Previews

White Background



This preview shows how the XYZ color 11.4186, 11.2961, 2.3892 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 11.4186, 11.2961, 2.3892 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 11.4186, 11.2961, 2.3892

Background



This preview shows how black text looks on a background with the XYZ color 11.4186, 11.2961, 2.3892.

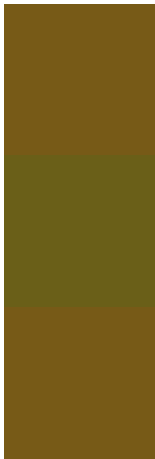


This preview shows how white text looks on a background with the XYZ color 11.4186, 11.2961,

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

11.4186, 11.2961, 2.3892

Protanopia

10.2009, 11.3145, 2.5104

Deuteranopia

11.4186, 11.2961, 2.3892



Tritanopia

13.1842, 11.2898, 11.1571

Trichromacy



Original Color

11.4186, 11.2961, 2.3892

Protanomaly

10.6348, 11.2742, 2.4798

Deuteranomaly

11.4186, 11.2961, 2.3892

Tritanomaly

12.3372, 11.1865, 6.6632

Monochromacy



Original Color

11.4186, 11.2961, 2.3892

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0913, 10.6422, 6.6765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4186, 11.2961, 2.3892 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, 90, 23)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 23)  
}
```

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, 90, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 23) }
```

Border

The CSS property to change the border of an element to XYZ 11.4186, 11.2961, 2.3892 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, 90, 23) }
```


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

```
.border{ border-color:rgb(119, 90, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 90, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 90, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 90, 23);  
box-shadow:4px 4px 4px 4px rgb(119, 90,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4186, 11.2961, 2.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 23) }
```

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

```
.background{ background-color: rgb(119, 90,  
23) }
```

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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