

Converting Colors

XYZ(11.8247, 11.0621, 2.4507)

Have a look what the booklet for
XYZ(11.8247, 11.0621, 2.4507)
contains.

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Color

**XYZ(11.8154, 11.0109,
2.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5619
RGB	124, 86, 25
RGB Percent	49%, 34%, 10%
CMY	0.5137, 0.6627, 0.9020
CMYK	0.00, 0.31, 0.80, 0.51
HSL	37°, 66%, 29%
HSV	37°, 80%, 49%
XYZ	11.8154, 11.0109, 2.4223
YIQ	90.4080, 42.2290, -10.9150

Conversions

Conversions Part 2

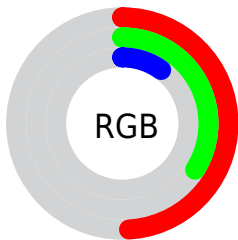
Format	Color
R_{YB}	87, 124, 25
Decimal	8148505
CIE Lab	39.60, 9.89, 39.61
CIE LCh	40, 40.826, 75.981
Yxy	11.0109, 0.4680, 0.4361
Android (android.graphics.Color)	4286338585 (0xFF7C5619)
YUV	90.4080, -32.2461, 29.4602
Hunter-Lab	33.1827, 5.4891, 18.8998

Details

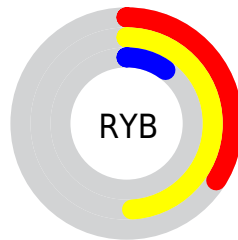
The XYZ color **11.8154, 11.0109, 2.4223** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.8163, 5.2166, 19.7688**, and the grayscale version is **9.8740, 10.3883, 11.3128**.

A 20% lighter version of the original color is **28.8291, 27.7927, 10.1484**, and **3.3915, 2.9255, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **11.3428, 10.2344, 1.7451**, and if you desaturate by 10%, it is **12.3732, 11.8629, 3.4212**.

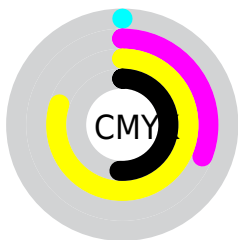
Distribution



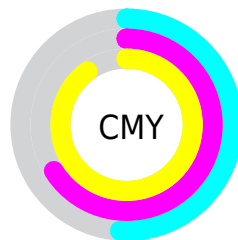
- Red (49%)
- Green (34%)
- Blue (10%)



- Red (34%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (80%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8154, 11.0109, 2.4223 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 11.8154, 11.0109, 2.4223 by changing the saturation by 10% instead.

■ 11.8154, 11.0109,
2.4223

■ 11.8154, 11.0109,
2.4223

196.9743,
197.7423, 128.6236

■ 6.6894, 6.0742,
0.7985

■ 28.7782, 27.6803,
10.1661

■ 3.3132, 2.8902,
0.0000

■ 41.3458, 40.1818,
17.1326

■ 1.3215, 1.0747,
0.0000

■ 57.1246, 55.9737,
26.7202

■ 0.1992, 0.0000,
0.0000

■ 76.4799, 75.4403,
39.3475


■ 0.0000, 0.0000,
0.0000


■ 99.7772, 98.9661,
55.4329


■ 127.3818,


126.9354, 75.3950


 159.6591,
159.7327, 99.6524


 11.8154, 11.0109,
2.4223


 11.8154, 11.0109,
2.4223


 11.3428, 10.2344,
1.7451


 12.3732, 11.8629,
3.4212


 10.9312, 9.5216,
1.2675

 13.0229, 12.7924,
4.7781

 10.9247, 9.5103,
1.2599

 13.7713, 13.8035,
6.5251

 14.6241, 14.8990,
8.6904

 15.5867, 16.0818,
11.2998

■ 16.6639, 17.3546,
14.3768

■ 17.8603, 18.7198,
17.9434

■ 19.1802, 20.1799,
22.0199

■ 20.6275, 21.7370,
26.6258

Harmonies

Analogous

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



14.6397, 11.0109, 4.0028



11.8154, 11.0109, 2.4223



9.0609, 11.0109, 2.4694

Triad

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



11.8154, 11.0109, 2.4223



6.1197, 11.0109, 16.7203



14.8023, 11.0109, 26.0946

Complementary

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



11.8154, 11.0109, 2.4223



5.8163, 5.2166, 19.7688

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.



12.0083, 11.0109, 33.5675



11.8154, 11.0109, 2.4223



7.1714, 11.0109, 26.7226

Square

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



11.8154, 11.0109, 2.4223



6.0866, 11.0109, 8.6480



9.2226, 11.0109, 33.8380



16.5599, 11.0109, 16.0957

Rectangle

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



11.8154, 11.0109, 2.4223



7.6271, 11.0109, 3.3746



9.2226, 11.0109, 33.8380



13.9330, 11.0109, 29.1474

Sweetspot

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



11.8157, 11.0115, 2.4225



28.4023, 29.4605, 22.6324



9.6023, 5.3574, 5.4686



6.5581, 6.7828, 4.9580



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.



11.8157, 11.0115, 2.4225



19.3611, 16.9516, 2.4361



14.3354, 18.0693, 3.6520



4.1846, 4.3877, 4.2509



11.1036, 9.6632, 1.2800



52.1228, 44.4091, 5.8246

Inverse Universe

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



5.8163, 5.2166, 19.7688



8.4085, 6.4542, 34.3592



4.6755, 2.5062, 19.3058



3.9121, 4.1224, 5.0327



4.7536, 3.5897, 19.8276



21.9066, 15.5859, 94.3236

Previews

White Background



This preview shows how the XYZ color 11.8154, 11.0109, 2.4223 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 11.8154, 11.0109, 2.4223 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 11.8154, 11.0109, 2.4223

Background



This preview shows how black text looks on a background with the XYZ color 11.8154, 11.0109, 2.4223.



This preview shows how white text looks on a background with the XYZ color 11.8154, 11.0109,

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

11.8154, 11.0109, 2.4223

Protanopia

10.0262, 11.0878, 2.6486

Deuteranopia

11.2085, 11.0623, 2.4086



Tritanopia

13.4505, 10.9984, 10.2181

Trichromacy



Original Color

11.8154, 11.0109, 2.4223

Protanomaly

10.6096, 11.0015, 2.5416

Deuteranomaly

11.4003, 11.0385, 2.3939

Tritanomaly

12.6951, 10.9168, 6.2885

Monochromacy



Original Color

11.8154, 11.0109, 2.4223

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.0352, 10.3629, 6.6256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8154, 11.0109, 2.4223 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(124, 86, 25)` looks like.

```
.text, #text, p{  
    color:rgb(124, 86, 25)  
}
```

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(124, 86, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 25) }
```

Border

The CSS property to change the border of an element to XYZ 11.8154, 11.0109, 2.4223 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(124, 86, 25) }
```


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

```
.border{ border-color:rgb(124, 86, 25) }
```

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

Here you see how a box with a 4 pixel rgb(124, 86, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 86, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 86, 25);  
box-shadow:4px 4px 4px 4px rgb(124, 86,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8154, 11.0109, 2.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 86, 25) }
```

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

```
.background{ background-color: rgb(124, 86,  
25) }
```

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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