

Converting Colors

XYZ(11.8982, 9.8136, 1.2671)

Have a look what the booklet for
XYZ(11.8982, 9.8136, 1.2671)
contains.

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Color

**XYZ(11.8089, 9.7229,
1.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	834A00
RGB	131, 74, 0
RGB Percent	51%, 29%, 0%
CMY	0.4863, 0.7098, 1.0000
CMYK	0.00, 0.44, 1.00, 0.49
HSL	34°, 100%, 26%
HSV	34°, 100%, 51%
XYZ	11.8089, 9.7229, 1.2543
YIQ	82.6070, 57.7260, -10.9300

Conversions

Conversions Part 2

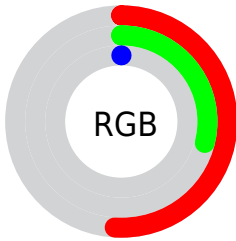
Format	Color
R_{YB}	101, 131, 0
Decimal	8604160
CIE _{Lab}	37.34, 19.58, 46.80
CIE _{LCh}	37, 50.727, 67.297
Yxy	9.7229, 0.5183, 0.4267
Android (android.graphics.Color)	4286794240 (0xFF834A00)
YUV	82.6070, -40.7253, 42.4407
Hunter-Lab	31.1816, 13.0327, 19.4421

Details

The XYZ color **11.8089, 9.7229, 1.2543** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.5598, 4.5648, 22.0607**, and the grayscale version is **8.2143, 8.6421, 9.4112**.

A 20% lighter version of the original color is **28.7351, 25.2511, 6.8495**, and **3.3410, 2.3746, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **11.8090, 9.7233, 1.2544**, and if you desaturate by 10%, it is **12.2804, 10.5487, 1.7731**.

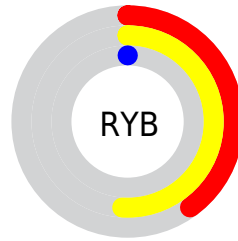
Distribution



Red (51%)

Green (29%)

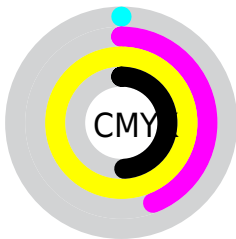
Blue (0%)



Red (40%)

Yellow (51%)

Blue (0%)

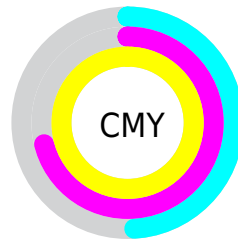


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8089, 9.7229, 1.2543 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 11.8089, 9.7229, 1.2543 by changing the saturation by 10% instead.


 11.8089, 9.7229,
1.2543


 11.8089, 9.7229,
1.2543


 196.9319,
188.6828, 109.4421


 6.6850, 5.2156,
0.0239


 28.7665, 25.2730,
6.8780

 3.3104, 2.3743,
0.0000

 41.3308, 37.0846,
12.3809


 1.3200, 0.8126,
0.0000

 57.1060, 52.0997,
20.2360

 0.1981, 0.0000,
0.0000

 76.4573, 70.7029,
30.8618


 0.0000, 0.0000,
0.0000


 99.7503, 93.2783,
44.6767


 127.3501,


120.2105, 62.0994


 159.6222,
151.8839, 83.5483


 11.8089, 9.7229,
1.2543


 11.8089, 9.7229,
1.2543


 11.8090, 9.7233,
1.2544

 12.2804, 10.5487,
1.7731

 12.8291, 11.4615,
2.5253

 13.4812, 12.4736,
3.6430

 14.2455, 13.5899,
5.1688

 15.1297, 14.8146,
7.1398

■ 16.1408, 16.1519,
9.5884

■ 17.2851, 17.6053,
12.5443

■ 18.5683, 19.1784,
16.0346

■ 19.9961, 20.8746,
20.0844

Harmonies

Analogous

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



15.0114, 9.7229, 3.1241



11.8089, 9.7229, 1.2543



8.4860, 9.7229, 0.9833

Triad

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



11.8089, 9.7229, 1.2543



4.4050, 9.7229, 12.9712



13.4654, 9.7229, 31.5318

Complementary

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



11.8089, 9.7229, 1.2543



5.5598, 4.5648, 22.0607

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.



10.0402, 9.7229, 39.2037



11.8089, 9.7229, 1.2543



5.1794, 9.7229, 25.1449

Square

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



11.8089, 9.7229, 1.2543



4.6690, 9.7229, 5.1626



7.0758, 9.7229, 36.3658



16.1107, 9.7229, 18.8894

Rectangle

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



11.8089, 9.7229, 1.2543



6.7104, 9.7229, 1.4030



7.0758, 9.7229, 36.3658



12.3400, 9.7229, 35.0314

Sweetspot

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



11.8091, 9.7234, 1.2545



30.8039, 31.3400, 22.0664



10.1482, 5.1406, 4.5884



6.9943, 7.0732, 4.6727



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.8091, 9.7234, 1.2545



20.9919, 17.1011, 2.1945



16.4936, 20.5512, 3.0975



4.8745, 5.0927, 4.9554



11.6269, 9.5764, 1.2356



0.0476, 0.0477, 0.0067

Inverse Universe

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



5.5598, 4.5648, 22.0607



9.8076, 7.8770, 39.4566



4.1788, 1.6810, 21.5769



4.5888, 4.8532, 5.8957



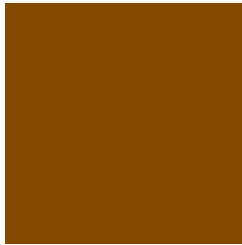
5.4752, 4.4983, 21.7164



0.0260, 0.0297, 0.0776

Previews

White Background



This preview shows how the XYZ color 11.8089, 9.7229, 1.2543 looks on a white background.

Color Contrast Check

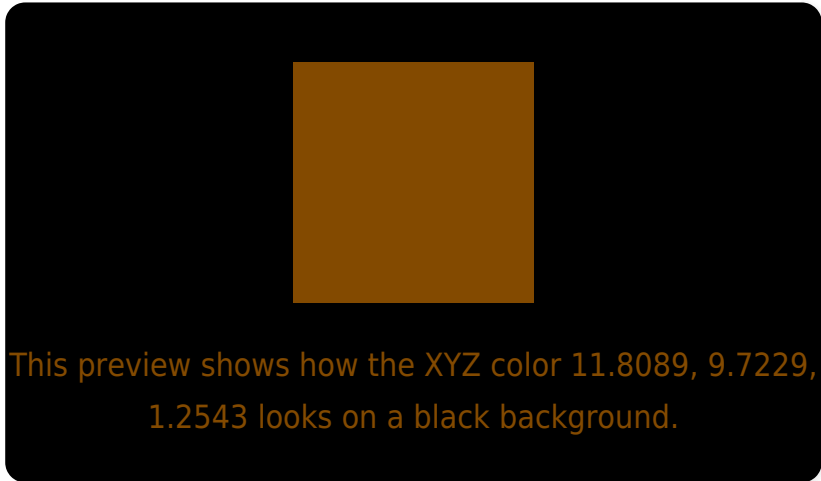
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.8089, 9.7229, 1.2543

Background



This preview shows how black text looks on a background with the XYZ color 11.8089, 9.7229, 1.2543.



This preview shows how white text looks on a background with the XYZ color 11.8089, 9.7229,

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

11.8089, 9.7229, 1.2543

Protanopia

8.8827, 9.8760, 1.7252

Deuteranopia

9.8524, 9.7854, 1.3695



Tritanopia

13.1957, 9.8190, 7.6783

Trichromacy



Original Color

11.8089, 9.7229, 1.2543

Protanomaly

9.7587, 9.7333, 1.5367

Deuteranomaly

10.4764, 9.6593, 1.3123

Tritanomaly

12.4392, 9.6983, 3.9057

Monochromacy



Original Color

11.8089, 9.7229, 1.2543

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.7668, 8.7037, 4.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8089, 9.7229, 1.2543 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(131, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 74, 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(131, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 74, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.8089, 9.7229, 1.2543 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(131, 74, 0) }
```


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

```
.border{ border-color:rgb(131, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(131, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8089, 9.7229, 1.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 74, 0) }
```

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

```
.background{ background-color: rgb(131, 74,  
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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