

Converting Colors

XYZ(13.9651, 10.5445, 3.1671)

Have a look what the booklet for
XYZ(13.9651, 10.5445, 3.1671)
contains.

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Color

**XYZ(13.9308, 10.4861,
3.1235)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4726
RGB	143, 71, 38
RGB Percent	56%, 28%, 15%
CMY	0.4392, 0.7215, 0.8510
CMYK	0.00, 0.50, 0.73, 0.44
HSL	19°, 58%, 35%
HSV	19°, 73%, 56%
XYZ	13.9308, 10.4861, 3.1235
YIQ	88.7660, 53.5050, 5.0010

Conversions

Conversions Part 2

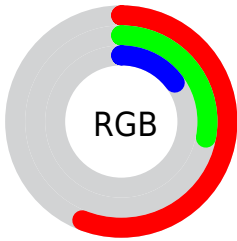
Format	Color
R_{YB}	143, 86, 38
Decimal	9389862
CIE _{Lab}	38.70, 27.84, 33.09
CIE _{LCh}	39, 43.243, 49.921
Yxy	10.4861, 0.5058, 0.3808
Android (android.graphics.Color)	4287579942 (0xFF8F4726)
YUV	88.7660, -25.0276, 47.5632
Hunter-Lab	32.3822, 20.1215, 16.9486

Details

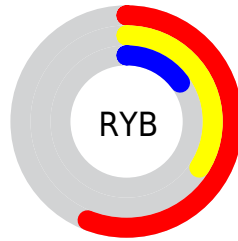
The XYZ color **13.9308, 10.4861, 3.1235** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **11.3327, 13.5461, 28.0038**, and the grayscale version is **9.4894, 9.9836, 10.8721**.

A 20% lighter version of the original color is **32.5645, 26.7481, 12.0409**, and **4.3511, 2.7280, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **13.1688, 9.2632, 1.9418**, and if you desaturate by 10%, it is **14.8826, 11.9469, 4.8060**.

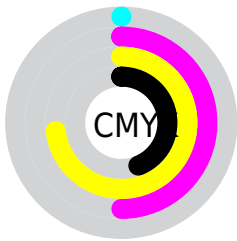
Distribution



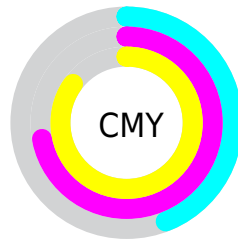
- Red (56%)
- Green (28%)
- Blue (15%)



- Red (56%)
- Yellow (34%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (44%)



- Cyan (44%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9308, 10.4861, 3.1235 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 13.9308, 10.4861, 3.1235 by changing the saturation by 10% instead.

■ 13.9308, 10.4861,
3.1235

■ 13.9308, 10.4861,
3.1235

210.3191,
194.1071, 137.9184

■ 8.1539, 5.7224,
1.1580

■ 32.5535, 26.7059,
11.9317

■ 4.2462, 2.6770,
0.0000

■ 46.1300, 38.9308,
19.6115

■ 1.8424, 0.9655,
0.0000

■ 63.0371, 54.4115,
30.0332

■ 0.5430, 0.0000,
0.0000

■ 83.6402, 73.5326,
43.6152

■ 0.0000, 0.0000,
0.0000

■ 108.3046, 96.6782,
60.7763

■ 137.3956,

124.2329, 81.9347

171.2787,
156.5811, 107.5093

13.9308, 10.4861,
3.1235

13.9308, 10.4861,
3.1235

13.1688, 9.2632,
1.9418

14.8826, 11.9469,
4.8060

12.5803, 8.2625,
1.2017

16.0371, 13.6566,
7.0384

12.2641, 7.7125,
0.8423

17.4067, 15.6274,
9.8640

19.0026, 17.8700,
13.3221

20.8351, 20.3948,
17.4482

■ 22.9139, 23.2113,
22.2753

■ 25.2480, 26.3288,
27.8342

■ 27.8461, 29.7559,
34.1539

■ 30.7163, 33.5011,
41.2617

Harmonies

Analogous

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



16.0625, 10.4861, 6.8589



13.9308, 10.4861, 3.1235



10.9576, 10.4861, 1.8848

Triad

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



13.9308, 10.4861, 3.1235



5.4838, 10.4861, 8.8837



11.9544, 10.4861, 33.4629

Complementary

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



13.9308, 10.4861, 3.1235



11.3327, 13.5461, 28.0038

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.



9.0375, 10.4861, 34.9115



13.9308, 10.4861, 3.1235



5.6489, 10.4861, 17.6483

Square

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



13.9308, 10.4861, 3.1235



6.3320, 10.4861, 3.9972



6.8365, 10.4861, 28.1436



14.7791, 10.4861, 24.8082

Rectangle

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



13.9308, 10.4861, 3.1235



9.0515, 10.4861, 1.8825



6.8365, 10.4861, 28.1436



10.9417, 10.4861, 34.9273

Sweetspot

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



13.9310, 10.4867, 3.1237



37.6510, 36.9858, 32.0223



14.9176, 8.3846, 16.0158



8.4430, 8.2203, 6.9061



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.9310, 10.4867, 3.1237



22.8716, 15.3919, 2.5417



18.6370, 19.8986, 4.6923



5.5386, 5.6835, 5.6945



10.8610, 6.8536, 0.7504



0.1219, 0.1016, 0.0132

Inverse Universe

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



11.3327, 13.5461, 28.0038



17.8338, 20.9590, 49.6436



7.3213, 5.5232, 26.6666



5.4192, 5.8342, 6.8693



8.2691, 9.5241, 24.3796



0.0988, 0.1306, 0.2397

Previews

White Background



This preview shows how the XYZ color 13.9308, 10.4861, 3.1235 looks on a white background.

Color Contrast Check

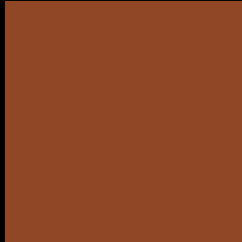
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9308, 10.4861, 3.1235 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 13.9308, 10.4861, 3.1235

Background



This preview shows how black text looks on a background with the XYZ color 13.9308, 10.4861, 3.1235.



This preview shows how white text looks on a background with the XYZ color 13.9308, 10.4861,

3.1235.

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

13.9308, 10.4861, 3.1235

Protanopia

9.7613, 10.6609, 3.9262

Deuteranopia

10.7672, 10.5767, 2.9874



Tritanopia

14.8539, 10.5019, 7.3751

Trichromacy



Original Color

13.9308, 10.4861, 3.1235

Protanomaly

10.9244, 10.2897, 3.6008

Deuteranomaly

11.7032, 10.3662, 2.9742

Tritanomaly

14.3843, 10.3898, 5.5223

Monochromacy



Original Color

13.9308, 10.4861, 3.1235

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.4295, 9.7280, 7.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9308, 10.4861, 3.1235 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(143, 71, 38)` looks like.

```
.text, #text, p{  
    color:rgb(143, 71, 38)  
}
```

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(143, 71, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 71, 38) }
```

Border

The CSS property to change the border of an element to XYZ 13.9308, 10.4861, 3.1235 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(143, 71, 38) }
```


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

```
.border{ border-color:rgb(143, 71, 38) }
```

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

Here you see how a box with a 4 pixel rgb(143, 71, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 71, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 71, 38);  
box-shadow:4px 4px 4px 4px rgb(143, 71,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9308, 10.4861, 3.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 71, 38) }
```

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

```
.background{ background-color: rgb(143, 71,  
38) }
```

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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