

Converting Colors

XYZ(15.2240, 15.0553, 3.1529)

Have a look what the booklet for
XYZ(15.2240, 15.0553, 3.1529)
contains.

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Color

**XYZ(15.2014, 15.0139,
3.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	88671B
RGB	136, 103, 27
RGB Percent	53%, 40%, 11%
CMY	0.4667, 0.5961, 0.8941
CMYK	0.00, 0.24, 0.80, 0.47
HSL	42°, 67%, 32%
HSV	42°, 80%, 53%
XYZ	15.2014, 15.0139, 3.1337
YIQ	104.2030, 44.0640, -16.6400

Conversions

Conversions Part 2

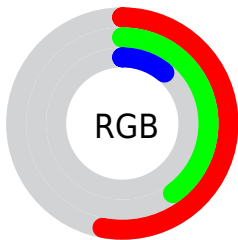
Format	Color
R_{YB}	74, 136, 27
Decimal	8939291
CIE Lab	45.65, 5.66, 45.01
CIE LCh	46, 45.362, 82.834
Yxy	15.0139, 0.4558, 0.4502
Android (android.graphics.Color)	4287129371 (0xFF88671B)
YUV	104.2030, -38.0611, 27.8860
Hunter-Lab	38.7478, 2.2199, 22.3284

Details

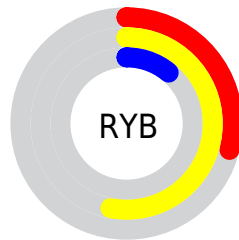
The XYZ color **15.2014, 15.0139, 3.1337** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.5117, 5.2421, 23.9609**, and the grayscale version is **13.3036, 13.9964, 15.2421**.

A 20% lighter version of the original color is **34.8875, 34.9845, 11.9351**, and **4.8938, 4.6222, 0.6342** is the 20% darker color. If you saturate the color by 10%, you get **14.6797, 14.1666, 2.3553**, and if you desaturate by 10%, it is **15.8169, 15.9322, 4.3033**.

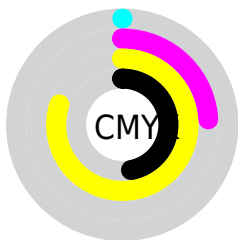
Distribution



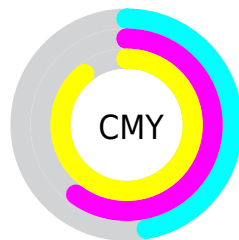
- Red (53%)
- Green (40%)
- Blue (11%)



- Red (29%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2014, 15.0139, 3.1337 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 15.2014, 15.0139, 3.1337 by changing the saturation by 10% instead.

■ 15.2014, 15.0139,
3.1337

■ 15.2014, 15.0139,
3.1337

217.9463,
223.4503, 138.0457

■ 9.0481, 8.8291,
1.1633

■ 34.7749, 34.8776,
11.9566

■ 4.8299, 4.6299,
0.0000

■ 48.9257, 49.3253,
19.6462

■ 2.1815, 2.0318,
0.0000

■ 66.4732, 67.2960,
30.0793

■ 0.7330, 0.6258,
0.0000

■ 87.7825, 89.1743,
43.6743

■ 0.0000, 0.0000,
0.0000

■ 113.2192,
115.3445, 60.8500

■ 143.1484,

146.1910, 82.0247

177.9357,
182.0981, 107.6171

15.2014, 15.0139,
3.1337

15.2014, 15.0139,
3.1337

14.6797, 14.1666,
2.3553

15.8169, 15.9322,
4.3033

14.2301, 13.3880,
1.8341

16.5343, 16.9233,
5.9101

17.3619, 17.9917,
7.9950

18.3067, 19.1406,
10.5936

19.3751, 20.3729,
13.7383

■ 20.5730, 21.6915,
17.4586

■ 21.9059, 23.0988,
21.7822

■ 23.3788, 24.5975,
26.7346

■ 24.9966, 26.1897,
32.3401

Harmonies

Analogous

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



19.1559, 15.0139, 4.6985



15.2014, 15.0139, 3.1337



11.6181, 15.0139, 3.6507

Triad

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



15.2014, 15.0139, 3.1337



8.5393, 15.0139, 25.8884



20.9217, 15.0139, 32.5308

Complementary

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



15.2014, 15.0139, 3.1337



6.5117, 5.2421, 23.9609

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.



17.2981, 15.0139, 44.2168



15.2014, 15.0139, 3.1337



10.2951, 15.0139, 39.3398

Square

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



15.2014, 15.0139, 3.1337



8.1783, 15.0139, 13.8734



13.3779, 15.0139, 47.1458



22.8182, 15.0139, 19.0998

Rectangle

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



15.2014, 15.0139, 3.1337



9.8562, 15.0139, 5.3019



13.3779, 15.0139, 47.1458



19.8375, 15.0139, 36.9990

Sweetspot

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



15.2017, 15.0146, 3.1340



35.3037, 37.1914, 27.7707



11.4016, 6.3607, 5.1153



8.0247, 8.4460, 5.9639



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.2017, 15.0146, 3.1340



25.2423, 23.8607, 3.4773



16.2066, 21.4014, 4.3138



5.3054, 5.5937, 5.3525



13.4769, 12.6882, 1.7388



0.1024, 0.1101, 0.0159

Inverse Universe

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



6.5117, 5.2421, 23.9609



9.4413, 6.2214, 41.7516



6.0075, 3.1656, 23.5866



4.8901, 5.1232, 6.3370



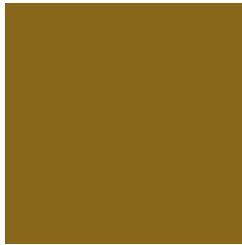
4.9696, 3.2095, 22.4033



0.0447, 0.0447, 0.1527

Previews

White Background



This preview shows how the XYZ color 15.2014, 15.0139, 3.1337 looks on a white background.

Color Contrast Check

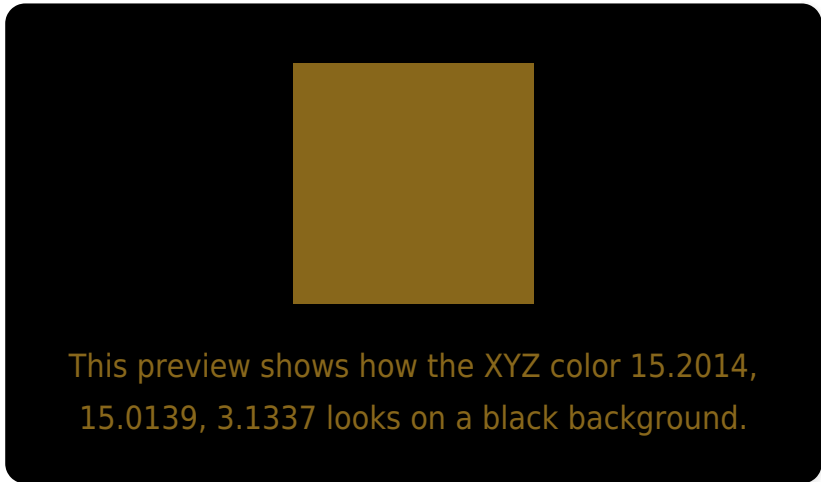
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2014, 15.0139, 3.1337

Background



This preview shows how black text looks on a background with the XYZ color 15.2014, 15.0139, 3.1337.



This preview shows how white text looks on a background with the XYZ color 15.2014, 15.0139,

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

15.2014, 15.0139, 3.1337

Protanopia

13.7043, 15.1587, 3.3022

Deuteranopia

15.2014, 15.0139, 3.1337



Tritanopia

17.6156, 15.0077, 14.8003

Trichromacy



Original Color

15.2014, 15.0139, 3.1337

Protanomaly

14.2197, 15.1113, 3.2659

Deuteranomaly

15.2014, 15.0139, 3.1337

Tritanomaly

16.3793, 14.9206, 8.6733

Monochromacy



Original Color

15.2014, 15.0139, 3.1337

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4573, 14.1354, 8.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2014, 15.0139, 3.1337 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(136, 103, 27)` looks like.

```
.text, #text, p{  
    color:rgb(136, 103, 27)  
}
```

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(136, 103, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 103, 27) }
```

Border

The CSS property to change the border of an element to XYZ 15.2014, 15.0139, 3.1337 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(136, 103, 27) }
```


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

```
.border{ border-color:rgb(136, 103, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 103, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 103, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 103, 27);  
box-shadow:4px 4px 4px 4px rgb(136, 103,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2014, 15.0139, 3.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 103, 27) }
```

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

```
.background{ background-color: rgb(136,  
103, 27) }
```

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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