

Converting Colors

XYZ(16.3469, 15.5780, 7.3126)

Have a look what the booklet for
XYZ(16.3469, 15.5780, 7.3126)
contains.

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Color

**XYZ(16.3148, 15.4971,
7.2856)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6742
RGB	138, 103, 66
RGB Percent	54%, 40%, 26%
CMY	0.4588, 0.5961, 0.7412
CMYK	0.00, 0.25, 0.52, 0.46
HSL	31°, 35%, 40%
HSV	31°, 52%, 54%
XYZ	16.3148, 15.4971, 7.2856
YIQ	109.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

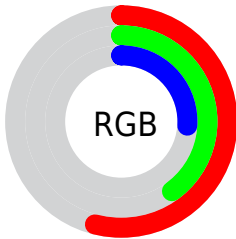
Format	Color
RYB	134, 138, 66
Decimal	9070402
CIELab	46.31, 9.31, 26.23
CIElCh	46, 27.834, 70.462
Yxy	15.4971, 0.4173, 0.3964
Android (android.graphics.Color)	4287260482 (0xFF8A6742)
YUV	109.2470, -21.3208, 25.2164
Hunter-Lab	39.3664, 5.0855, 16.5835

Details

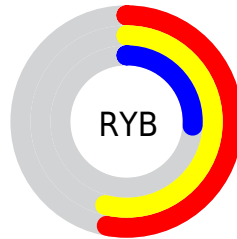
The XYZ color **16.3148, 15.4971, 7.2856** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.4876, 12.3000, 25.8132**, and the grayscale version is **14.6585, 15.4219, 16.7944**.

A 20% lighter version of the original color is **36.6424, 35.6865, 21.1766**, and **5.3873, 4.8609, 1.3638** is the 20% darker color. If you saturate the color by 10%, you get **15.3155, 14.0729, 5.1817**, and if you desaturate by 10%, it is **17.4666, 17.0692, 9.9250**.

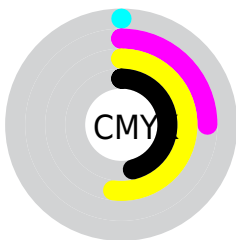
Distribution



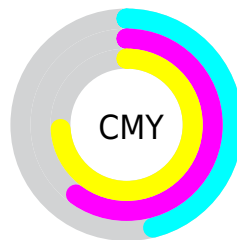
- Red (54%)
- Green (40%)
- Blue (26%)



- Red (53%)
- Yellow (54%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3148, 15.4971, 7.2856 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 16.3148, 15.4971, 7.2856 by changing the saturation by 10% instead.

■ 16.3148, 15.4971,
7.2856

■ 16.3148, 15.4971,
7.2856

224.4262,
226.3556, 179.7361

■ 9.8394, 9.1690,
3.5602

■ 36.6969, 35.7229,
21.0681

■ 5.3541, 4.8516,
1.3873

■ 51.3344, 50.3894,
31.9622

■ 2.4934, 2.1604,
0.1318

■ 69.4232, 68.6042,
46.0831

■ 0.8919, 0.6983,
0.0000

■ 91.3289, 90.7516,
63.8491

■ 0.0000, 0.0000,
0.0000

■ 117.4166,
117.2160, 85.6789

■ 148.0519,

148.3819, 111.9910

183.6000,
184.6337, 143.2039

■ 16.3148, 15.4971,
7.2856

■ 16.3148, 15.4971,
7.2856

■ 15.3155, 14.0729,
5.1817

■ 17.4666, 17.0692,
9.9250

■ 14.4591, 12.7889,
3.5743

■ 18.7775, 18.7919,
13.1336

■ 13.7365, 11.6400,
2.4201

■ 20.2548, 20.6706,
16.9430

■ 13.1368, 10.6197,
1.6680

■ 21.9053, 22.7099,
21.3827

■ 12.7295, 9.9000,
1.2400

■ 23.7351, 24.9139,
26.4799

■ 25.7500, 27.2867,
32.2601

■ 27.9558, 29.8323,
38.7478

■ 30.3577, 32.5544,
45.9661

■ 32.9608, 35.4566,
53.9368

Harmonies

Analogous

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



18.4959, 15.4971, 9.7131



16.3148, 15.4971, 7.2856



13.9135, 15.4971, 6.9830

Triad

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



16.3148, 15.4971, 7.2856



10.6694, 15.4971, 19.3692



17.9059, 15.4971, 28.9491

Complementary

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



16.3148, 15.4971, 7.2856



11.4876, 12.3000, 25.8132

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.



15.5769, 15.4971, 33.3369



16.3148, 15.4971, 7.2856



11.5127, 15.4971, 26.8966

Square

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



16.3148, 15.4971, 7.2856



10.8214, 15.4971, 12.8565



13.2504, 15.4971, 32.4983



19.4808, 15.4971, 21.6511

Rectangle

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



16.3148, 15.4971, 7.2856



12.5276, 15.4971, 7.9052



13.2504, 15.4971, 32.4983



17.1754, 15.4971, 30.8919

Sweetspot

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



16.3152, 15.4979, 7.2859



37.3616, 38.4970, 34.2903



14.8277, 10.2591, 13.7691



8.2661, 8.4939, 7.3849



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.



16.3152, 15.4979, 7.2859



26.6474, 24.2933, 8.4458



20.5529, 23.9734, 8.6985



5.2315, 5.4458, 5.3278



11.6859, 9.1063, 1.1418



0.0923, 0.0898, 0.0125

Inverse Universe

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



11.4876, 12.3000, 25.8132



17.1376, 17.9974, 44.9538



8.7825, 6.8898, 24.9115



4.9622, 5.2673, 6.3610



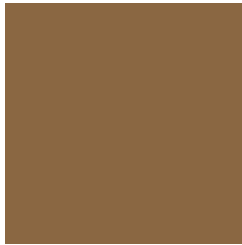
6.0650, 5.4004, 22.7684



0.0548, 0.0650, 0.1561

Previews

White Background



This preview shows how the XYZ color 16.3148, 15.4971, 7.2856 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 16.3148, 15.4971, 7.2856 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 16.3148, 15.4971, 7.2856

Background



This preview shows how black text looks on a background with the XYZ color 16.3148, 15.4971, 7.2856.



This preview shows how white text looks on a background with the XYZ color 16.3148, 15.4971,

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

16.3148, 15.4971, 7.2856

Protanopia

14.3958, 15.5746, 7.8777

Deuteranopia

15.7078, 15.4830, 7.3149



Tritanopia

17.9537, 15.4387, 15.6694

Trichromacy



Original Color

16.3148, 15.4971, 7.2856

Protanomaly

15.0535, 15.4448, 7.6566

Deuteranomaly

15.9254, 15.4449, 7.2961

Tritanomaly

17.2607, 15.4451, 11.9690

Monochromacy



Original Color

16.3148, 15.4971, 7.2856

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9792, 15.2988, 12.5194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3148, 15.4971, 7.2856 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(138, 103, 66)` looks like.

```
.text, #text, p{  
    color:rgb(138, 103, 66)  
}
```

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(138, 103, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 103, 66) }
```

Border

The CSS property to change the border of an element to XYZ 16.3148, 15.4971, 7.2856 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(138, 103, 66) }
```


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

```
.border{ border-color:rgb(138, 103, 66) }
```

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

Here you see how a box with a 4 pixel rgb(138, 103, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 103, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 103, 66);  
box-shadow:4px 4px 4px 4px rgb(138, 103,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3148, 15.4971, 7.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 103, 66) }
```

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

```
.background{ background-color: rgb(138,  
103, 66) }
```

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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