

Converting Colors

XYZ(14.8375, 14.0226, 6.9256)

Have a look what the booklet for
XYZ(14.8375, 14.0226, 6.9256)
contains.

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Color

**XYZ(14.8375, 14.0226,
6.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	846241
RGB	132, 98, 65
RGB Percent	52%, 38%, 25%
CMY	0.4824, 0.6157, 0.7451
CMYK	0.00, 0.26, 0.51, 0.48
HSL	30°, 34%, 39%
HSV	30°, 51%, 52%
XYZ	14.8375, 14.0226, 6.9256
YIQ	104.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

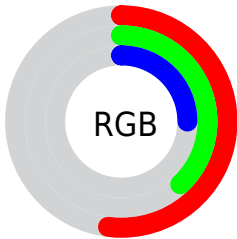
Format	Color
R_{YB}	132, 130, 65
Decimal	8675905
CIE Lab	44.27, 9.46, 24.07
CIE LCh	44, 25.862, 68.549
Yxy	14.0226, 0.4146, 0.3918
Android (android.graphics.Color)	4286865985 (0xFF846241)
YUV	104.4040, -19.4262, 24.2017
Hunter-Lab	37.4468, 5.1951, 15.2473

Details

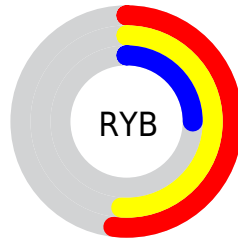
The XYZ color **14.8375, 14.0226, 6.9256** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.8063, 11.7127, 23.5208**, and the grayscale version is **13.3116, 14.0048, 15.2512**.

A 20% lighter version of the original color is **34.2216, 33.2519, 20.2374**, and **4.6716, 4.2156, 1.2769** is the 20% darker color. If you saturate the color by 10%, you get **13.8983, 12.6863, 4.9415**, and if you desaturate by 10%, it is **15.9192, 15.5009, 9.3985**.

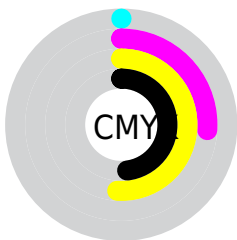
Distribution



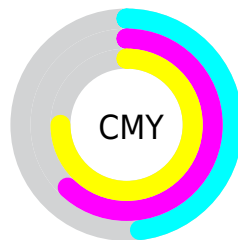
- Red (52%)
- Green (38%)
- Blue (25%)



- Red (52%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8375, 14.0226, 6.9256 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 14.8375, 14.0226, 6.9256 by changing the saturation by 10% instead.

■ 14.8375, 14.0226,
6.9256

■ 14.8375, 14.0226,
6.9256

215.7885,
217.3714, 176.6515

■ 8.7910, 8.1364,
3.3379

■ 34.1419, 33.1291,
20.3337

■ 4.6611, 4.1823,
1.2696

■ 48.1304, 47.1182,
30.9911

■ 2.0825, 1.7761,
0.0367

■ 65.4970, 64.5771,
44.8422

■ 0.6797, 0.4722,
0.0000

■ 86.6071, 85.8901,
62.3055

■ 0.0000, 0.0000,
0.0000

■ 111.8259,
111.4416, 83.7996

■ 141.5188,

141.6161, 109.7429

176.0512,
176.7979, 140.5540

■ 14.8375, 14.0226,
6.9256

■ 14.8375, 14.0226,
6.9256

■ 13.8983, 12.6863,
4.9415

■ 15.9192, 15.5009,
9.3985

■ 13.0930, 11.4849,
3.4117

■ 17.1494, 17.1240,
12.3898

■ 12.4135, 10.4136,
2.2983

■ 18.5348, 18.8970,
15.9278

■ 11.8500, 9.4662,
1.5569

■ 20.0815, 20.8241,
20.0385

■ 11.4072, 8.6887,
1.0759

■ 21.7950, 22.9094,
24.7461

■ 23.6808, 25.1568,
30.0736

■ 25.7439, 27.5701,
36.0425

■ 27.9893, 30.1527,
42.6735

■ 30.4217, 32.9083,
49.9862

Harmonies

Analogous

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



16.6900, 14.0226, 9.2086



14.8375, 14.0226, 6.9256



12.7450, 14.0226, 6.5415

Triad

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



14.8375, 14.0226, 6.9256



9.7664, 14.0226, 17.0264



15.9659, 14.0226, 26.0326

Complementary

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



14.8375, 14.0226, 6.9256



10.8063, 11.7127, 23.5208

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.



13.9286, 14.0226, 29.5447



14.8375, 14.0226, 6.9256



10.4509, 14.0226, 23.5318

Square

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



14.8375, 14.0226, 6.9256



9.9558, 14.0226, 11.4669



11.9246, 14.0226, 28.5270



17.3870, 14.0226, 19.8285

Rectangle

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



14.8375, 14.0226, 6.9256



11.5147, 14.0226, 7.2837



11.9246, 14.0226, 28.5270



15.3225, 14.0226, 27.6317

Sweetspot

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



14.8378, 14.0233, 6.9259



34.0906, 35.0937, 31.8551



13.6877, 9.5989, 13.0909



7.8231, 8.0285, 7.1144



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.



14.8378, 14.0233, 6.9259



24.2388, 21.9916, 8.2197



18.5703, 21.4883, 8.1700



4.8479, 5.0394, 4.9466



11.0505, 8.4236, 1.0435



0.0456, 0.0437, 0.0060

Inverse Universe

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



10.8063, 11.7127, 23.5208



16.2839, 17.4308, 40.9594



8.2999, 6.6999, 22.6853



4.6152, 4.9061, 5.9045



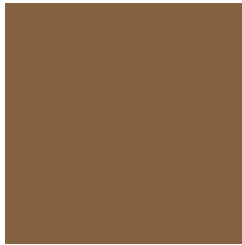
5.9801, 5.5080, 21.8847



0.0280, 0.0337, 0.0782

Previews

White Background



This preview shows how the XYZ color 14.8375, 14.0226, 6.9256 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 14.8375, 14.0226, 6.9256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

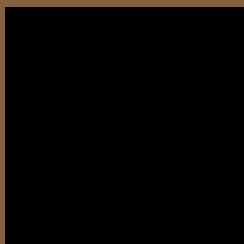
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8375, 14.0226, 6.9256

Background



This preview shows how black text looks on a background with the XYZ color 14.8375, 14.0226, 6.9256.



This preview shows how white text looks on a background with the XYZ color 14.8375, 14.0226,

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

14.8375, 14.0226, 6.9256

Protanopia

13.0344, 14.0979, 7.5030

Deuteranopia

14.2637, 14.0080, 6.9531



Tritanopia

16.3433, 14.0959, 14.1713

Trichromacy



Original Color

14.8375, 14.0226, 6.9256

Protanomaly

13.6496, 13.9729, 7.2878

Deuteranomaly

14.4692, 13.9725, 6.9354

Tritanomaly

15.6852, 13.9573, 11.0999

Monochromacy



Original Color

14.8375, 14.0226, 6.9256

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5363, 13.8183, 11.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8375, 14.0226, 6.9256 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(132, 98, 65)` looks like.

```
.text, #text, p{  
    color:rgb(132, 98, 65)  
}
```

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(132, 98, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 98, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.8375, 14.0226, 6.9256 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(132, 98, 65) }
```


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

```
.border{ border-color:rgb(132, 98, 65) }
```

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

Here you see how a box with a 4 pixel rgb(132, 98, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 98, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 98, 65);  
box-shadow:4px 4px 4px 4px rgb(132, 98,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8375, 14.0226, 6.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 98, 65) }
```

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

```
.background{ background-color: rgb(132, 98,  
65) }
```

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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