

Converting Colors

XYZ(17.1940, 16.6274, 7.5393)

Have a look what the booklet for
XYZ(17.1940, 16.6274, 7.5393)
contains.

XYZ(17.0860, 16.4961, 7.5937) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(17.0860, 16.4961,
7.5937)**

Conversions

Conversions Part 1	
Format	Color
Hex	8C6B43
RGB	140, 107, 67
RGB Percent	55%, 42%, 26%
CMY	0.4510, 0.5804, 0.7373
CMYK	0.00, 0.24, 0.52, 0.45
HSL	33°, 35%, 41%
HSV	33°, 52%, 55%
XYZ	17.0860, 16.4961, 7.5937
YIQ	112.3070, 32.5080, -5.4440

Conversions

Conversions Part 2

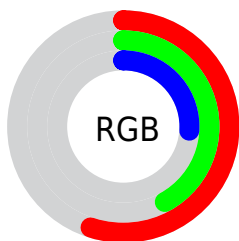
Format	Color
RYB	127, 140, 67
Decimal	9202499
CIELab	47.62, 7.97, 27.36
CIELCh	48, 28.500, 73.764
Yxy	16.4961, 0.4150, 0.4006
Android (android.graphics.Color)	4287392579 (0xFF8C6B43)
YUV	112.3070, -22.3364, 24.2868
Hunter-Lab	40.6154, 4.0141, 17.3456

Details

The XYZ color **17.0860, 16.4961, 7.5937** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6052, 12.2004, 26.5540**, and the grayscale version is **15.5486, 16.3584, 17.8143**.

A 20% lighter version of the original color is **37.8849, 37.3168, 21.7291**, and **5.6912, 5.3159, 1.4852** is the 20% darker color. If you saturate the color by 10%, you get **16.0800, 15.0770, 5.4309**, and if you desaturate by 10%, it is **18.2426, 18.0540, 10.3081**.

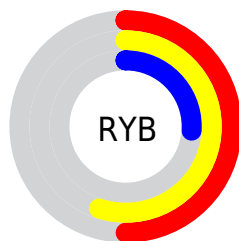
Distribution



Red (55%)

Green (42%)

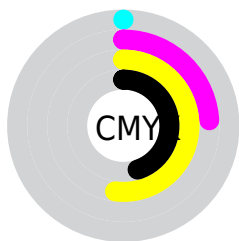
Blue (26%)



Red (50%)

Yellow (55%)

Blue (26%)

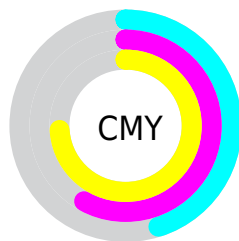


Cyan (0%)

Magenta (24%)

Yellow (52%)

Black (45%)



Cyan (45%)


Magenta (58%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0860, 16.4961, 7.5937 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 17.0860, 16.4961, 7.5937 by changing the saturation by 10% instead.


 17.0860, 16.4961,
7.5937


 17.0860, 16.4961,
7.5937


228.8141,
232.2516, 182.3235


 10.3915, 9.8759,
3.7521


 38.0160, 37.4573,
21.6909


 5.7236, 5.3167,
1.4903

 52.9822, 52.5672,
32.7835


 2.7168, 2.4343,
0.2107

 71.4364, 71.2756,
47.1301

 1.0058, 0.8434,
0.0000

 93.7439, 93.9671,
65.1494


 0.0000, 0.0000,
0.0000


 120.2701,
121.0261, 87.2599


151.3802,


152.8369, 113.8800


187.4398,
189.7839, 145.4284

 17.0860, 16.4961,
7.5937


 17.0860, 16.4961,
7.5937


 16.0800, 15.0770,
5.4309


 18.2426, 18.0540,
10.3081


 15.2151, 13.7893,
3.7792


 19.5564, 19.7530,
13.6087


 14.4820, 12.6283,
2.5940

 21.0348, 21.5982,
17.5285

 13.8697, 11.5878,
1.8223

 22.6845, 23.5939,
22.0976

 13.4494, 10.8440,
1.3842

 24.5117, 25.7439,
27.3444

■ 26.5223, 28.0521,
33.2952

■ 28.7217, 30.5220,
39.9752

■ 31.1154, 33.1572,
47.4082

■ 33.7085, 35.9609,
55.6170

Harmonies

Analogous

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



19.4812, 16.4961, 9.9135



17.0860, 16.4961, 7.5937



14.5445, 16.4961, 7.5060

Triad

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



17.0860, 16.4961, 7.5937



11.3940, 16.4961, 21.5027



19.3094, 16.4961, 30.0887

Complementary

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



17.0860, 16.4961, 7.5937



11.6052, 12.2004, 26.5540

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.



16.8711, 16.4961, 35.2806



17.0860, 16.4961, 7.5937



12.4069, 16.4961, 29.4902

Square

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



17.0860, 16.4961, 7.5937



11.4382, 16.4961, 14.3244



14.3515, 16.4961, 35.0360



20.8566, 16.4961, 22.1673

Rectangle

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



17.0860, 16.4961, 7.5937



13.1160, 16.4961, 8.6553



14.3515, 16.4961, 35.0360



18.5560, 16.4961, 32.2959

Sweetspot

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



17.0864, 16.4969, 7.5940



38.7366, 40.0887, 35.4372



15.1746, 10.5307, 13.5620



8.8056, 9.0919, 7.8328



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.0864, 16.4969, 7.5940



27.9960, 26.0659, 8.8640



20.8008, 24.5276, 8.9483



5.2451, 5.4730, 5.3323



11.9704, 9.6752, 1.2366



0.0942, 0.0936, 0.0131

Inverse Universe

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



11.6052, 12.2004, 26.5540



17.2023, 17.6166, 46.2367



9.2260, 7.1890, 25.7121



4.9487, 5.2403, 6.3565



5.8185, 4.9074, 22.6862



0.0530, 0.0612, 0.1555

Previews

White Background



This preview shows how the XYZ color 17.0860, 16.4961, 7.5937 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 17.0860, 16.4961, 7.5937 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 17.0860, 16.4961, 7.5937

Background



This preview shows how black text looks on a background with the XYZ color 17.0860, 16.4961, 7.5937.



This preview shows how white text looks on a background with the XYZ color 17.0860, 16.4961,

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

17.0860, 16.4961, 7.5937

Protanopia

15.2915, 16.5250, 8.0139

Deuteranopia

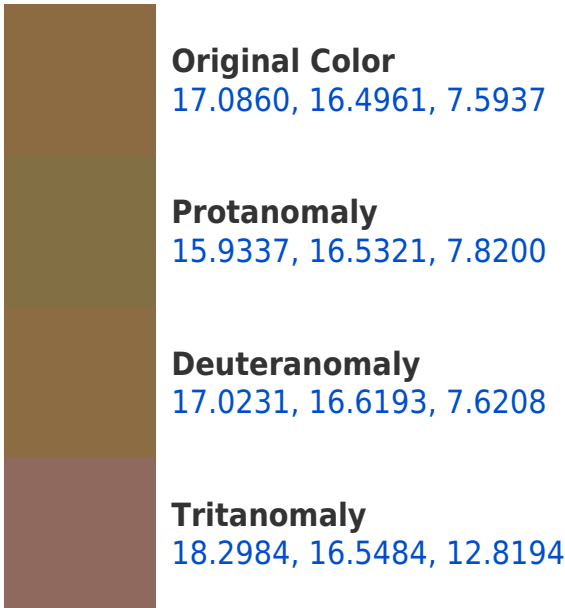
16.8569, 16.5336, 7.6130



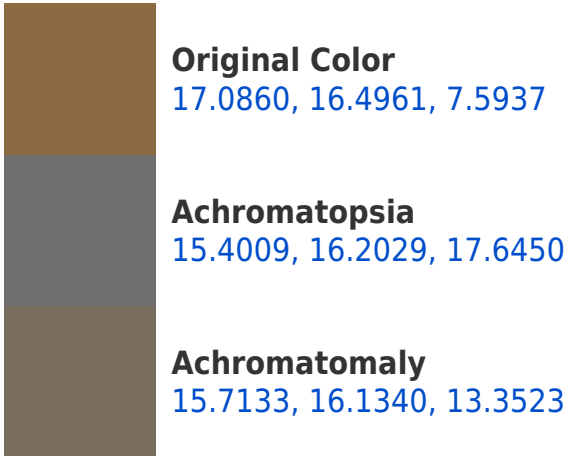
Tritanopia

19.0674, 16.5578, 16.9429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0860, 16.4961, 7.5937 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(140, 107, 67) looks like.

```
.text, #text, p{  
    color:rgb(140, 107, 67)  
}
```

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(140, 107, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 107, 67) }
```

Border

The CSS property to change the border of an element to XYZ 17.0860, 16.4961, 7.5937 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(140, 107, 67) }
```


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

```
.border{ border-color:rgb(140, 107, 67) }
```

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

Here you see how a box with a 4 pixel rgb(140, 107, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 107, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 107, 67);  
box-shadow:4px 4px 4px 4px rgb(140, 107,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0860, 16.4961, 7.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 107, 67) }
```

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

```
.background{ background-color: rgb(140,  
107, 67) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor