

Converting Colors

XYZ(16.8988, 14.8424, 7.0379)

Have a look what the booklet for
XYZ(16.8988, 14.8424, 7.0379)
contains.

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Color

**XYZ(16.8141, 14.7671,
6.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	916041
RGB	145, 96, 65
RGB Percent	57%, 38%, 25%
CMY	0.4314, 0.6235, 0.7451
CMYK	0.00, 0.34, 0.55, 0.43
HSL	23°, 38%, 41%
HSV	23°, 55%, 57%
XYZ	16.8141, 14.7671, 6.9652
YIQ	107.1170, 39.1550, 0.7470

Conversions

Conversions Part 2

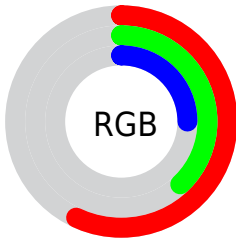
Format	Color
R_{YB}	145, 116, 65
Decimal	9527361
CIE Lab	45.31, 16.40, 25.73
CIE LCh	45, 30.508, 57.483
Yxy	14.7671, 0.4362, 0.3831
Android (android.graphics.Color)	4287717441 (0xFF916041)
YUV	107.1170, -20.7637, 33.2234
Hunter-Lab	38.4280, 10.8534, 16.1531

Details

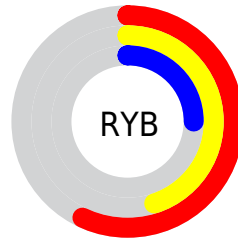
The XYZ color **16.8141, 14.7671, 6.9652** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.3080, 15.2023, 29.0211**, and the grayscale version is **14.0561, 14.7881, 16.1043**.

A 20% lighter version of the original color is **37.5017, 34.4772, 20.3010**, and **5.5481, 4.4749, 1.2808** is the 20% darker color. If you saturate the color by 10%, you get **15.6818, 13.0907, 4.7749**, and if you desaturate by 10%, it is **18.1465, 16.6712, 9.7546**.

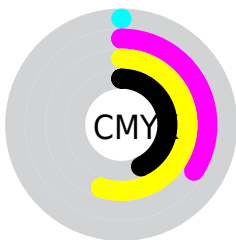
Distribution



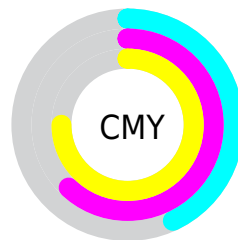
- Red (57%)
- Green (38%)
- Blue (25%)



- Red (57%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (43%)





- Cyan (43%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.8141, 14.7671, 6.9652 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 16.8141, 14.7671, 6.9652 by changing the saturation by 10% instead.

 16.8141, 14.7671,
6.9652


 16.8141, 14.7671,
6.9652

227.2760,
221.9522, 176.9942


 10.1965, 8.6561,
3.3622


 37.5520, 34.4441,
20.4148


 5.5927, 4.5176,
1.2824

 52.4031, 48.7789,
31.0986


 2.6373, 1.9671,
0.0473

 70.7293, 66.6237,
44.9797

 0.9650, 0.5882,
0.0000

 92.8961, 88.3629,
62.4767

 0.0000, 0.0000,
0.0000

 119.2688,
114.3810, 84.0081

 150.2128,

145.0623, 109.9924

186.0934,
180.7912, 140.8483

■ 16.8141, 14.7671,
6.9652

■ 16.8141, 14.7671,
6.9652

■ 15.6818, 13.0907,
4.7749

■ 18.1465, 16.6712,
9.7546

■ 14.7372, 11.6304,
3.1373

■ 19.6884, 18.8096,
13.1829

■ 13.9676, 10.3766,
2.0008

■ 21.4497, 21.1914,
17.2875

■ 13.3566, 9.3174,
1.2955

■ 23.4395, 23.8243,
22.1025

■ 13.1006, 8.8668,
1.0210

■ 25.6662, 26.7158,
27.6598

■ 28.1378, 29.8730,
33.9894

■ 30.8618, 33.3028,
41.1195

■ 33.8455, 37.0116,
49.0769

■ 37.0959, 41.0060,
57.8873

Harmonies

Analogous

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



18.8046, 14.7671, 10.4722



16.8141, 14.7671, 6.9652



14.2502, 14.7671, 5.7958

Triad

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



16.8141, 14.7671, 6.9652



9.7181, 14.7671, 15.4752



16.4005, 14.7671, 31.8606

Complementary

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



16.8141, 14.7671, 6.9652



13.3080, 15.2023, 29.0211

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.



13.8233, 14.7671, 34.3815



16.8141, 14.7671, 6.9652



10.1500, 14.7671, 23.3967

Square

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



16.8141, 14.7671, 6.9652



10.3230, 14.7671, 9.6965



11.5816, 14.7671, 30.9058



18.5464, 14.7671, 24.7830

Rectangle

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



16.8141, 14.7671, 6.9652



12.6255, 14.7671, 6.1206



11.5816, 14.7671, 30.9058



15.5472, 14.7671, 33.3470

Sweetspot

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



16.8145, 14.7678, 6.9655



41.1632, 41.5974, 37.5885



16.6238, 11.0230, 17.2709



9.0160, 9.0677, 8.0181



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.



16.8145, 14.7678, 6.9655



27.6827, 22.8342, 7.8225



21.3886, 23.9161, 8.4902



5.5696, 5.7454, 5.7048



11.2606, 7.6530, 0.8837



0.1279, 0.1137, 0.0152

Inverse Universe

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



13.3080, 15.2023, 29.0211



20.7193, 23.6401, 51.4445



9.7621, 8.1105, 27.8391



5.3871, 5.7700, 6.8586



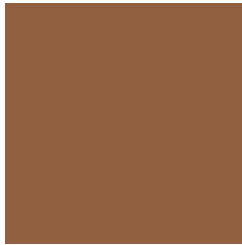
7.4598, 7.9056, 24.1098



0.0928, 0.1185, 0.2377

Previews

White Background



This preview shows how the XYZ color 16.8141, 14.7671, 6.9652 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 16.8141, 14.7671, 6.9652 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 16.8141, 14.7671, 6.9652

Background



This preview shows how black text looks on a background with the XYZ color 16.8141, 14.7671, 6.9652.



This preview shows how white text looks on a background with the XYZ color 16.8141, 14.7671,

6.9652.

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

16.8141, 14.7671, 6.9652

Protanopia

13.7729, 14.9367, 7.7874

Deuteranopia

15.1357, 14.8960, 6.9280



Tritanopia

18.2920, 14.8510, 13.7068

Trichromacy



Original Color

16.8141, 14.7671, 6.9652

Protanomaly

14.7461, 14.8300, 7.5541

Deuteranomaly

15.6359, 14.7187, 6.8674

Tritanomaly

17.6673, 14.7199, 10.9269

Monochromacy



Original Color

16.8141, 14.7671, 6.9652

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6672, 14.5382, 12.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8141, 14.7671, 6.9652 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(145, 96, 65)` looks like.

```
.text, #text, p{  
    color:rgb(145, 96, 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(145, 96, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 96, 65) }
```

Border

The CSS property to change the border of an element to XYZ 16.8141, 14.7671, 6.9652 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(145, 96, 65) }
```


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

```
.border{ border-color:rgb(145, 96, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 96, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 96, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 96, 65);  
box-shadow:4px 4px 4px 4px rgb(145, 96,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8141, 14.7671, 6.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 96, 65) }
```

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

```
.background{ background-color: rgb(145, 96,  
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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