

Converting Colors

XYZ(17.9814, 16.6651, 6.9716)

Have a look what the booklet for
XYZ(17.9814, 16.6651, 6.9716)
contains.

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Color

**XYZ(17.9814, 16.6651,
6.9716)**

Conversions

Conversions Part 1

Format	Color
Hex	93693F
RGB	147, 105, 63
RGB Percent	58%, 41%, 25%
CMY	0.4235, 0.5882, 0.7529
CMYK	0.00, 0.29, 0.57, 0.42
HSL	30°, 40%, 41%
HSV	30°, 57%, 58%
XYZ	17.9814, 16.6651, 6.9716
YIQ	112.7700, 38.5140, -4.1580

Conversions

Conversions Part 2

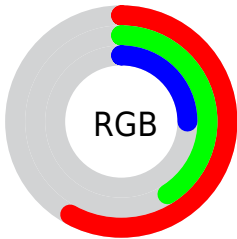
Format	Color
R_{YB}	147, 147, 63
Decimal	9660735
CIE _{Lab}	47.84, 11.88, 30.05
CIE _{LCh}	48, 32.312, 68.427
Yxy	16.6651, 0.4321, 0.4004
Android (android.graphics.Color)	4287850815 (0xFF93693F)
YUV	112.7700, -24.5366, 30.0197
Hunter-Lab	40.8229, 7.1844, 18.4507

Details

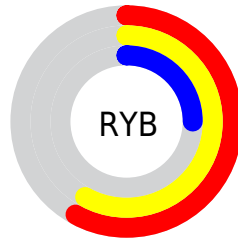
The XYZ color **17.9814, 16.6651, 6.9716** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.3677, 13.2659, 29.5123**, and the grayscale version is **15.6906, 16.5078, 17.9770**.

A 20% lighter version of the original color is **39.4417, 37.6433, 20.5163**, and **6.1364, 5.3969, 1.2906** is the 20% darker color. If you saturate the color by 10%, you get **16.9078, 15.0898, 4.8505**, and if you desaturate by 10%, it is **19.2303, 18.4153, 9.6927**.

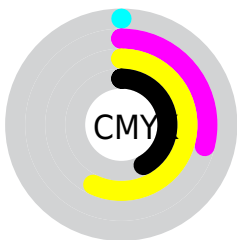
Distribution



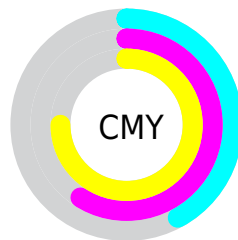
- Red (58%)
- Green (41%)
- Blue (25%)



- Red (58%)
- Yellow (58%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (42%)





- Cyan (42%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9814, 16.6651, 6.9716 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 17.9814, 16.6651, 6.9716 by changing the saturation by 10% instead.


 17.9814, 16.6651,
6.9716


 17.9814, 16.6651,
6.9716


233.8138,
233.2350, 177.0495


 11.0362, 9.9960,
3.3662


 39.5360, 37.7491,
20.4280


 6.1587, 5.3963,
1.2845


 54.8761, 52.9327,
31.1159


 2.9834, 2.4816,
0.0490

 73.7452, 71.7234,
45.0019

 1.1450, 0.8674,
0.0000

 96.5087, 94.5054,
62.5043

 0.0623, 0.0000,
0.0000

 123.5320,
121.6631, 84.0417

 0.0000, 0.0000,
0.0000

 155.1804,

153.5811, 110.0327

191.8192,
190.6436, 140.8958

■ 17.9814, 16.6651,
6.9716

■ 17.9814, 16.6651,
6.9716

■ 16.9078, 15.0898,
4.8505

■ 19.2303, 18.4153,
9.6927

■ 15.9976, 13.6802,
3.2808

■ 20.6627, 20.3443,
13.0552

■ 15.2392, 12.4295,
2.2076

■ 22.2878, 22.4589,
17.0982

■ 14.6130, 11.3271,
1.5368

■ 24.1138, 24.7646,
21.8569

■ 14.4485, 11.0349,
1.3684

■ 26.1482, 27.2668,
27.3646

■ 28.3981, 29.9705,
33.6520

■ 30.8704, 32.8806,
40.7484

■ 33.5716, 36.0018,
48.6814

■ 36.5079, 39.3386,
57.4773

Harmonies

Analogous

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



20.6259, 16.6651, 9.9147



17.9814, 16.6651, 6.9716



15.0359, 16.6651, 6.4830

Triad

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



17.9814, 16.6651, 6.9716



10.9360, 16.6651, 20.5898



19.5673, 16.6651, 33.7661

Complementary

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



17.9814, 16.6651, 6.9716



12.3677, 13.2659, 29.5123

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.



16.6716, 16.6651, 38.9905



17.9814, 16.6651, 6.9716



11.8578, 16.6651, 30.0011

Square

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



17.9814, 16.6651, 6.9716



11.1963, 16.6651, 12.8806



13.8752, 16.6651, 37.4348



21.6165, 16.6651, 24.6790

Rectangle

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



17.9814, 16.6651, 6.9716



13.3289, 16.6651, 7.4071



13.8752, 16.6651, 37.4348



18.6474, 16.6651, 36.1414

Sweetspot

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



17.9818, 16.6659, 6.9719



43.1131, 44.2610, 38.9525



16.3600, 10.7781, 14.5828



9.7024, 9.9297, 8.5231



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.9818, 16.6659, 6.9719



29.7141, 26.1644, 7.6610



23.3634, 27.4292, 8.7658



6.0260, 6.2658, 6.1323



12.5509, 9.6163, 1.1946



0.1830, 0.1765, 0.0244

Inverse Universe

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



12.3677, 13.2659, 29.5123



18.6192, 19.4451, 52.2065



9.0940, 6.7185, 28.4211



5.7247, 6.0833, 7.3422



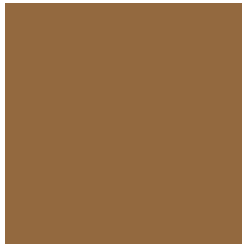
6.6843, 6.0634, 24.7491



0.1112, 0.1331, 0.3127

Previews

White Background



This preview shows how the XYZ color 17.9814, 16.6651, 6.9716 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 17.9814, 16.6651, 6.9716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

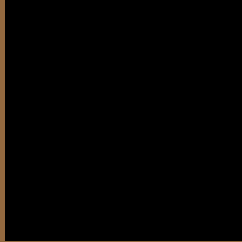
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9814, 16.6651, 6.9716

Background



This preview shows how black text looks on a background with the XYZ color 17.9814, 16.6651, 6.9716.



This preview shows how white text looks on a background with the XYZ color 17.9814, 16.6651,

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

17.9814, 16.6651, 6.9716

Protanopia

15.4581, 16.7879, 7.5799

Deuteranopia

16.9856, 16.7740, 6.8999



Tritanopia

19.7887, 16.6599, 16.0826

Trichromacy



Original Color

17.9814, 16.6651, 6.9716

Protanomaly

16.3114, 16.7371, 7.3719

Deuteranomaly

17.3874, 16.8237, 6.8883

Tritanomaly

19.0341, 16.6476, 12.1076

Monochromacy



Original Color

17.9814, 16.6651, 6.9716

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0989, 16.3381, 13.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9814, 16.6651, 6.9716 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(147, 105, 63)` looks like.

```
.text, #text, p{  
    color:rgb(147, 105, 63)  
}
```

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(147, 105, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 105, 63) }
```

Border

The CSS property to change the border of an element to XYZ 17.9814, 16.6651, 6.9716 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(147, 105, 63) }
```


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

```
.border{ border-color:rgb(147, 105, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 105, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 105, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 105, 63);  
box-shadow:4px 4px 4px 4px rgb(147, 105,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9814, 16.6651, 6.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 105, 63) }
```

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

```
.background{ background-color: rgb(147,  
105, 63) }
```

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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