

Converting Colors

XYZ(17.2494, 16.7234, 6.7532)

Have a look what the booklet for
XYZ(17.2494, 16.7234, 6.7532)
contains.

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Color

**XYZ(17.1894, 16.7248,
6.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6C3D
RGB	141, 108, 61
RGB Percent	55%, 42%, 24%
CMY	0.4471, 0.5765, 0.7608
CMYK	0.00, 0.23, 0.57, 0.45
HSL	35°, 40%, 40%
HSV	35°, 57%, 55%
XYZ	17.1894, 16.7248, 6.7371
YIQ	112.5090, 34.7550, -7.6210

Conversions

Conversions Part 2

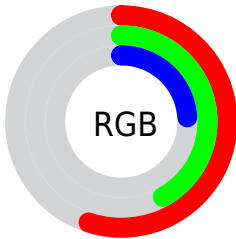
Format	Color
R_{YB}	117, 141, 61
Decimal	9268285
CIE _{Lab}	47.91, 7.28, 31.09
CIE _{LCh}	48, 31.928, 76.829
Yxy	16.7248, 0.4228, 0.4114
Android (android.graphics.Color)	4287458365 (0xFF8D6C3D)
YUV	112.5090, -25.3939, 24.9866
Hunter-Lab	40.8960, 3.4592, 18.8599

Details

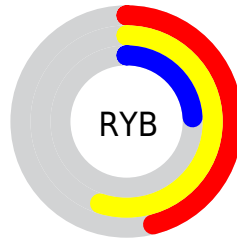
The XYZ color **17.1894, 16.7248, 6.7371** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.7347, 10.9201, 26.7412**, and the grayscale version is **15.6166, 16.4299, 17.8921**.

A 20% lighter version of the original color is **38.2386, 37.7924, 20.0311**, and **5.7795, 5.4467, 1.1986** is the 20% darker color. If you saturate the color by 10%, you get **16.2655, 15.4070, 4.7955**, and if you desaturate by 10%, it is **18.2549, 18.1661, 9.2191**.

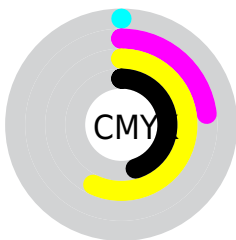
Distribution



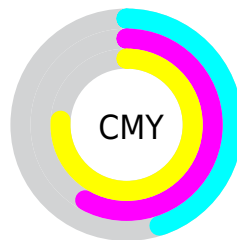
- Red (55%)
- Green (42%)
- Blue (24%)



- Red (46%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (45%)





- Cyan (45%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1894, 16.7248, 6.7371 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 17.1894, 16.7248, 6.7371 by changing the saturation by 10% instead.


 17.1894, 16.7248,
6.7371


 17.1894, 16.7248,
6.7371

229.3965,
233.5815, 175.0082


 10.4658, 10.0385,
3.2223


 38.1921, 37.8520,
19.9461


 5.7735, 5.4245,
1.2092

 53.2020, 53.0617,
30.4774

 2.7472, 2.4984,
0.0000

 71.7046, 71.8812,
44.1846

 1.0215, 0.8758,
0.0000

 94.0653, 94.6951,
61.4863

 0.0000, 0.0000,
0.0000

 120.6495,
121.8877, 82.8009

 151.8225,

153.8433, 108.5471

187.9497,
190.9464, 139.1433

■ 17.1894, 16.7248,
6.7371

■ 17.1894, 16.7248,
6.7371

■ 16.2655, 15.4070,
4.7955

■ 18.2549, 18.1661,
9.2191

■ 15.4732, 14.2053,
3.3507

■ 19.4688, 19.7327,
12.2783

■ 14.8028, 13.1154,
2.3541

■ 20.8386, 21.4297,
15.9494

■ 14.2379, 12.1292,
1.7229

■ 22.3711, 23.2608,
20.2643

■ 14.0658, 11.8253,
1.5412

■ 24.0726, 25.2297,
25.2523

■ 25.9489, 27.3399,
30.9412

■ 28.0057, 29.5946,
37.3571

■ 30.2482, 31.9971,
44.5247

■ 32.6815, 34.5505,
52.4675

Harmonies

Analogous

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



19.9857, 16.7248, 8.9338



17.1894, 16.7248, 6.7371



14.3494, 16.7248, 6.8727

Triad

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



17.1894, 16.7248, 6.7371



11.1712, 16.7248, 23.1883



20.2777, 16.7248, 31.3293

Complementary

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



17.1894, 16.7248, 6.7371



10.7347, 10.9201, 26.7412

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.



17.5509, 16.7248, 37.9522



17.1894, 16.7248, 6.7371



12.4068, 16.7248, 32.3661

Square

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



17.1894, 16.7248, 6.7371



11.0992, 16.7248, 14.8365



14.6700, 16.7248, 38.3804



21.9083, 16.7248, 22.0607

Rectangle

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



17.1894, 16.7248, 6.7371



12.8082, 16.7248, 8.2516



14.6700, 16.7248, 38.3804



19.4450, 16.7248, 34.0462

Sweetspot

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



17.1898, 16.7256, 6.7374



39.8821, 41.4433, 35.7700



14.6887, 9.8145, 11.7886



8.7989, 9.1279, 7.6782



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.



17.1898, 16.7256, 6.7374



28.7201, 26.9854, 7.7990



20.2519, 24.4824, 8.0733



5.6556, 5.9174, 5.7335



12.8412, 10.8142, 1.4105



0.1445, 0.1469, 0.0207

Inverse Universe

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



10.7347, 10.9201, 26.7412



16.0013, 15.5713, 47.2901



8.8373, 6.4777, 25.9838



5.3009, 5.5975, 6.8298



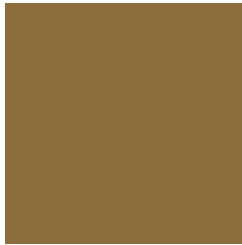
5.7855, 4.5570, 23.5517



0.0762, 0.0853, 0.2321

Previews

White Background



This preview shows how the XYZ color 17.1894, 16.7248, 6.7371 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 17.1894, 16.7248, 6.7371 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 17.1894, 16.7248, 6.7371

Background



This preview shows how black text looks on a background with the XYZ color 17.1894, 16.7248, 6.7371.



This preview shows how white text looks on a background with the XYZ color 17.1894, 16.7248,

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

17.1894, 16.7248, 6.7371

Protanopia

15.3720, 16.7535, 7.1262

Deuteranopia

17.1262, 16.8496, 6.7645



Tritanopia

19.2429, 16.6483, 16.9511

Trichromacy



Original Color

17.1894, 16.7248, 6.7371

Protanomaly

16.0237, 16.7614, 6.9482

Deuteranomaly

17.1262, 16.8496, 6.7645

Tritanomaly

18.3837, 16.6026, 12.3609

Monochromacy



Original Color

17.1894, 16.7248, 6.7371

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8732, 16.3880, 12.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1894, 16.7248, 6.7371 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(141, 108, 61)` looks like.

```
.text, #text, p{  
    color:rgb(141, 108, 61)  
}
```

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(141, 108, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 108, 61) }
```

Border

The CSS property to change the border of an element to XYZ 17.1894, 16.7248, 6.7371 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(141, 108, 61) }
```


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

```
.border{ border-color:rgb(141, 108, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 108, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 108, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 108, 61);  
box-shadow:4px 4px 4px 4px rgb(141, 108,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1894, 16.7248, 6.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 108, 61) }
```

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

```
.background{ background-color: rgb(141,  
108, 61) }
```

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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