

Converting Colors

XYZ(21.7898, 21.8657, 17.2503)

Have a look what the booklet for
XYZ(21.7898, 21.8657, 17.2503)
contains.

XYZ(21.7174, 21.7697, 17.2447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.7174, 21.7697,
17.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	917D6C
RGB	145, 125, 108
RGB Percent	57%, 49%, 42%
CMY	0.4314, 0.5098, 0.5765
CMYK	0.00, 0.14, 0.26, 0.43
HSL	28°, 15%, 50%
HSV	28°, 26%, 57%
XYZ	21.7174, 21.7697, 17.2447
YIQ	129.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

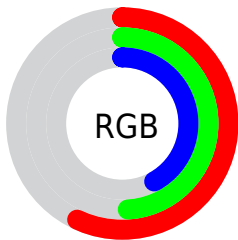
Format	Color
RYB	145, 139, 108
Decimal	9534828
CIELab	53.78, 4.89, 12.10
CIElCh	54, 13.056, 67.997
Yxy	21.7697, 0.3576, 0.3585
Android (android.graphics.Color)	4287724908 (0xFF917D6C)
YUV	129.0420, -10.3737, 13.9952
Hunter-Lab	46.6580, 1.4329, 10.7472

Details

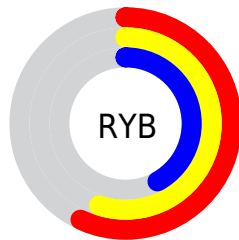
The XYZ color **21.7174, 21.7697, 17.2447** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.0141, 20.6701, 29.7756**, and the grayscale version is **20.9124, 22.0014, 23.9596**.

A 20% lighter version of the original color is **45.7316, 46.4861, 39.3633**, and **8.0428, 7.8855, 5.5130** is the 20% darker color. If you saturate the color by 10%, you get **20.0559, 19.5806, 13.1950**, and if you desaturate by 10%, it is **23.5867, 24.1687, 21.9974**.

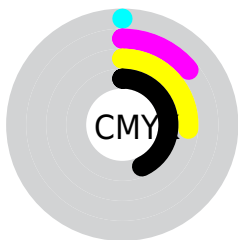
Distribution



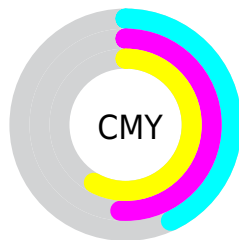
- Red (57%)
- Green (49%)
- Blue (42%)



- Red (57%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (43%)



- Cyan (43%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7174, 21.7697, 17.2447 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 21.7174, 21.7697, 17.2447 by changing the saturation by 10% instead.

■ 21.7174, 21.7697,
17.2447

■ 21.7174, 21.7697,
17.2447

253.7271,
261.3412, 248.6701

■ 13.7648, 13.6878,
10.2453

■ 45.7608, 46.3651,
39.5424

■ 8.0379, 7.9038,
5.4542

■ 62.5824, 63.6473,
55.6778

■ 4.1712, 4.0335,
2.4528

■ 83.0910, 84.7651,
75.6957

■ 1.7994, 1.6923,
0.8150

■ 107.6520,
110.1028, 100.0145

■ 0.5173, 0.4187,
0.0000

136.6307,
140.0449, 129.0528

■ 0.0000, 0.0000,
0.0000

170.3926,

174.9758, 163.2291

209.3029,
215.2797, 202.9621

■ 21.7174, 21.7697,
17.2447

■ 21.7174, 21.7697,
17.2447

■ 20.0559, 19.5806,
13.1950

■ 23.5867, 24.1687,
21.9974

■ 18.5924, 17.5923,
9.8131

■ 25.6698, 26.7805,
27.4835

■ 17.3186, 15.7993,
7.0624

■ 27.9743, 29.6116,
33.7332

■ 16.2251, 14.1947,
4.9024

■ 30.5073, 32.6675,
40.7744

■ 15.3015, 12.7712,
3.2880

■ 33.2752, 35.9531,
48.6339

■ 14.5357, 11.5205,
2.1671

■ 36.2843, 39.4736,
57.3371

■ 13.9121, 10.4329,
1.4672

■ 39.5407, 43.2338,
66.9082

■ 13.6626, 9.9908,
1.2083

■ 43.0500, 47.2382,
77.3706

■ 46.8180, 51.4914,
88.7466

Harmonies

Analogous

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



22.8882, 21.7697, 19.2633



21.7174, 21.7697, 17.2447



20.3188, 21.7697, 16.8538

Triad

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



21.7174, 21.7697, 17.2447



18.1363, 21.7697, 24.7934



22.3949, 21.7697, 30.3192

Complementary

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



21.7174, 21.7697, 17.2447



19.0141, 20.6701, 29.7756

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.



21.0686, 21.7697, 32.1955



21.7174, 21.7697, 17.2447



18.6400, 21.7697, 28.7784

Square

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



21.7174, 21.7697, 17.2447



18.2925, 21.7697, 20.9285



19.6983, 21.7697, 31.6019



23.2915, 21.7697, 26.7136

Rectangle

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



21.7174, 21.7697, 17.2447



19.4522, 21.7697, 17.5220



19.6983, 21.7697, 31.6019



21.9822, 21.7697, 31.1906

Sweetspot

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



21.7180, 21.7707, 17.2452



44.9441, 46.6826, 46.4841



20.9591, 18.3128, 22.9733



9.8817, 10.2393, 10.0322



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.



21.7180, 21.7707, 17.2452



37.0263, 36.5405, 26.2921



24.2288, 26.7924, 18.0821



5.6003, 5.8069, 5.7150



11.7444, 8.6204, 1.0449



0.1339, 0.1257, 0.0172

Inverse Universe

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



19.0141, 20.6701, 29.7756



31.2781, 34.1994, 52.9262



16.8552, 16.3523, 29.0559



5.3558, 5.7074, 6.8481



6.7690, 6.5240, 23.8796



0.0868, 0.1065, 0.2357

Previews

White Background



This preview shows how the XYZ color 21.7174, 21.7697, 17.2447 looks on a white 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

Black Background



This preview shows how the XYZ color 21.7174, 21.7697, 17.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

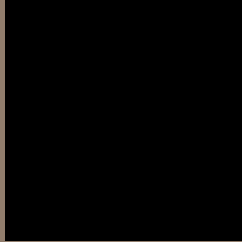
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7174, 21.7697, 17.2447

Background



This preview shows how black text looks on a background with the XYZ color 21.7174, 21.7697, 17.2447.



This preview shows how white text looks on a background with the XYZ color 21.7174, 21.7697,

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

21.7174, 21.7697, 17.2447

Protanopia

20.5253, 21.7150, 17.8615

Deuteranopia

22.1272, 21.7939, 17.2278



Tritanopia

23.2690, 21.8537, 24.4645

Trichromacy



Original Color

21.7174, 21.7697, 17.2447

Protanomaly

20.9971, 21.7718, 17.5637

Deuteranomaly

21.9470, 21.7011, 17.2193

Tritanomaly

22.6907, 21.7990, 21.7506

Monochromacy



Original Color

21.7174, 21.7697, 17.2447

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1620, 21.9697, 21.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7174, 21.7697, 17.2447 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, 125, 108)` looks like.

```
.text, #text, p{  
    color:rgb(145, 125, 108)  
}
```

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, 125, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 125, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.7174, 21.7697, 17.2447 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, 125, 108) }
```


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

```
.border{ border-color:rgb(145, 125, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 125, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 125, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 125, 108);  
box-shadow:4px 4px 4px 4px rgb(145, 125,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7174, 21.7697, 17.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 125, 108) }
```

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

```
.background{ background-color: rgb(145,  
125, 108) }
```

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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