

Converting Colors

XYZ(21.7182, 17.8353, 14.8815)

Have a look what the booklet for
XYZ(21.7182, 17.8353, 14.8815)
contains.

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Color

**XYZ(21.7499, 17.8437,
14.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	A16566
RGB	161, 101, 102
RGB Percent	63%, 40%, 40%
CMY	0.3686, 0.6039, 0.6000
CMYK	0.00, 0.37, 0.37, 0.37
HSL	359°, 24%, 51%
HSV	359°, 37%, 63%
XYZ	21.7499, 17.8437, 14.8682
YIQ	119.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

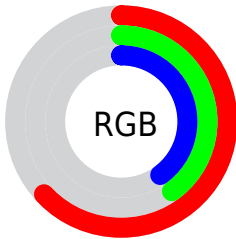
Format	Color
R_{YB}	161, 101, 102
Decimal	10577254
CIE _{Lab}	49.31, 24.34, 9.61
CIE _{LCh}	49, 26.163, 21.541
Yxy	17.8437, 0.3994, 0.3276
Android (android.graphics.Color)	4288767334 (0xFFA16566)
YUV	119.0540, -8.4076, 36.7866
Hunter-Lab	42.2418, 17.9848, 8.7005

Details

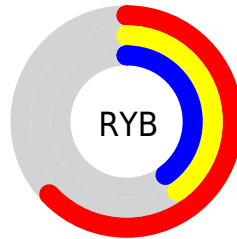
The XYZ color **21.7499, 17.8437, 14.8682** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4577, 30.7949, 37.9143**, and the grayscale version is **17.5700, 18.4850, 20.1302**.

A 20% lighter version of the original color is **45.7563, 39.8341, 35.4141**, and **8.0261, 5.9478, 4.3395** is the 20% darker color. If you saturate the color by 10%, you get **19.6254, 14.7336, 10.6492**, and if you desaturate by 10%, it is **24.3315, 21.6280, 19.9799**.

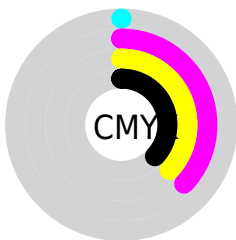
Distribution



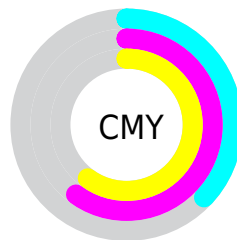
- Red (63%)
- Green (40%)
- Blue (40%)



- Red (63%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7499, 17.8437, 14.8682 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 21.7499, 17.8437, 14.8682 by changing the saturation by 10% instead.

■ 21.7499, 17.8437,
14.8682

■ 21.7499, 17.8437,
14.8682

253.8944,
239.9886, 234.1803

■ 13.7888, 10.8378,
8.5813

■ 45.8142, 39.7708,
35.3608

■ 8.0546, 5.9579,
4.3761

■ 62.6482, 55.4608,
50.4037

■ 4.1820, 2.8195,
1.8338

■ 83.1705, 74.8144,
69.2023

■ 1.8056, 1.0382,
0.4501

■ 107.7464, 98.2158,
92.1751

■ 0.5211, 0.0000,
0.0000

136.7415,
126.0496, 119.7408

■ 0.0000, 0.0000,
0.0000

170.5209,

158.7000, 152.3179

209.4501,
196.5516, 190.3249

■ 21.7499, 17.8437,
14.8682

■ 21.7499, 17.8437,
14.8682

■ 19.6254, 14.7336,
10.6492

■ 24.3315, 21.6280,
19.9799

■ 17.9302, 12.2557,
7.2706

■ 27.3933, 26.1200,
26.0302

■ 16.6354, 10.3675,
4.6766

■ 30.9583, 31.3542,
33.0632


■ 15.7081, 9.0200,
2.8041

■ 35.0478, 37.3621,
41.1199


■ 15.1102, 8.1566,
1.5801


■ 39.6819, 44.1732,
50.2389


 14.7842, 7.6880,
0.9059

 44.8793, 51.8156,
60.4570

 14.7126, 7.5829,
0.7650

 50.6583, 60.3161,
71.8091

 57.0359, 69.7001,
84.3284

 64.0289, 79.9921,
98.0470

Harmonies

Analogous

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



22.0807, 17.8437, 21.4900



21.7499, 17.8437, 14.8682



20.0745, 17.8437, 10.6360

Triad

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



21.7499, 17.8437, 14.8682



13.5198, 17.8437, 12.1639



16.2737, 17.8437, 36.1399

Complementary

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



21.7499, 17.8437, 14.8682



24.4577, 30.7949, 37.9143

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.



14.1854, 17.8437, 32.0808



21.7499, 17.8437, 14.8682



12.6992, 17.8437, 17.5038

Square

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



21.7499, 17.8437, 14.8682



15.2821, 17.8437, 9.3577



12.9305, 17.8437, 24.8378



18.7562, 17.8437, 34.9454

Rectangle

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



21.7499, 17.8437, 14.8682



18.5017, 17.8437, 9.2055



12.9305, 17.8437, 24.8378



15.5062, 17.8437, 35.3151

Sweetspot

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



21.7504, 17.8446, 14.8685



52.8167, 52.2951, 54.0332



25.5844, 19.3550, 36.1057



11.4068, 11.2097, 11.5017



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.7504, 17.8446, 14.8685



35.6396, 27.1067, 20.0505



25.0301, 24.4826, 15.7194



7.0783, 7.0878, 7.3989



11.7521, 6.0569, 0.6190



0.2483, 0.1278, 0.0201

Inverse Universe

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



21.7504, 17.8446, 14.8685



35.6396, 27.1067, 20.0505



20.0519, 21.8432, 36.8776



7.0783, 7.0878, 7.3989



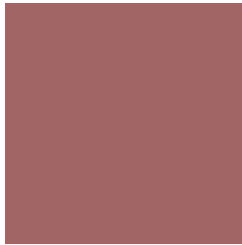
11.7521, 6.0569, 0.6190



0.2483, 0.1278, 0.0201

Previews

White Background



This preview shows how the XYZ color 21.7499, 17.8437, 14.8682 looks on a white background.

Color Contrast Check

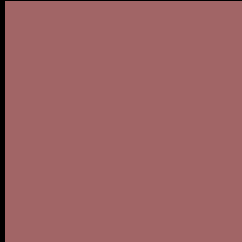
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7499, 17.8437, 14.8682 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 21.7499, 17.8437, 14.8682

Background



This preview shows how black text looks on a background with the XYZ color 21.7499, 17.8437, 14.8682.



This preview shows how white text looks on a background with the XYZ color 21.7499, 17.8437,

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

21.7499, 17.8437, 14.8682

Protanopia

17.0609, 17.9133, 17.3103

Deuteranopia

18.1971, 17.8813, 14.5489



Tritanopia

22.1642, 17.8784, 16.4701

Trichromacy



Original Color

21.7499, 17.8437, 14.8682

Protanomaly

18.4916, 17.6647, 16.3449

Deuteranomaly

19.3192, 17.8062, 14.7306

Tritanomaly

22.0590, 17.8363, 15.9158

Monochromacy



Original Color

21.7499, 17.8437, 14.8682

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.6063, 17.8489, 18.0873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7499, 17.8437, 14.8682 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(161, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(161, 101, 102)  
}
```

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(161, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 101, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.7499, 17.8437, 14.8682 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(161, 101, 102) }
```


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

```
.border{ border-color:rgb(161, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(161, 101,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7499, 17.8437, 14.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 101, 102) }
```

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

```
.background{ background-color: rgb(161,  
101, 102) }
```

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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