

Converting Colors

XYZ(25.7841, 21.9238, 16.9933)

Have a look what the booklet for
XYZ(25.7841, 21.9238, 16.9933)
contains.

XYZ(25.7373, 21.8880, 17.0557)	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(25.7373, 21.8880,
17.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	AC726C
RGB	172, 114, 108
RGB Percent	67%, 45%, 42%
CMY	0.3255, 0.5529, 0.5765
CMYK	0.00, 0.34, 0.37, 0.33
HSL	6°, 28%, 55%
HSV	6°, 37%, 67%
XYZ	25.7373, 21.8880, 17.0557
YIQ	130.6580, 36.4940, 10.4300

Conversions

Conversions Part 2

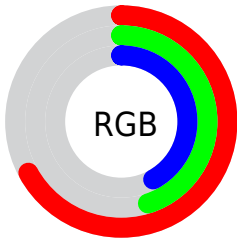
Format	Color
R_{YB}	172, 115, 108
Decimal	11301484
CIE Lab	53.91, 22.15, 12.72
CIE LCh	54, 25.543, 29.865
Yxy	21.8880, 0.3979, 0.3384
Android (android.graphics.Color)	4289491564 (0xFFAC726C)
YUV	130.6580, -11.1704, 36.2569
Hunter-Lab	46.7846, 16.3239, 11.1346

Details

The XYZ color **25.7373, 21.8880, 17.0557** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2663, 33.4377, 44.0466**, and the grayscale version is **21.4814, 22.6001, 24.6115**.

A 20% lighter version of the original color is **52.2073, 46.4337, 39.0119**, and **10.2038, 7.9691, 5.4153** is the 20% darker color. If you saturate the color by 10%, you get **23.2999, 18.3364, 12.1638**, and if you desaturate by 10%, it is **28.6561, 26.1132, 22.9994**.

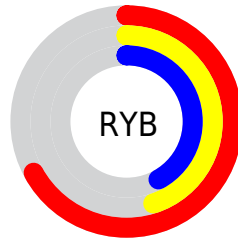
Distribution



Red (67%)

Green (45%)

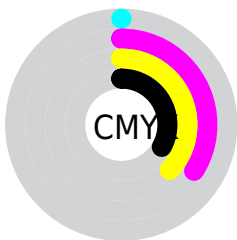
Blue (42%)



Red (67%)

Yellow (45%)

Blue (42%)

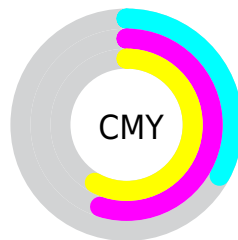


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7373, 21.8880, 17.0557 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 25.7373, 21.8880, 17.0557 by changing the saturation by 10% instead.

■ 25.7373, 21.8880,
17.0557

■ 25.7373, 21.8880,
17.0557

273.7705,
261.9608, 247.5480

■ 16.7589, 13.7746,
10.1118

■ 52.2852, 46.5608,
39.2135

■ 10.1570, 7.9641,
5.3666

■ 70.5853, 63.8890,
55.2645

■ 5.5662, 4.0720,
2.4014

■ 92.7234, 85.0577,
75.1883

■ 2.6213, 1.7139,
0.7872

■ 119.0648,
110.4511, 99.4034

■ 0.9568, 0.4326,
0.0000

149.9749,
140.4538, 128.3284

■ 0.0000, 0.0000,
0.0000

185.8189,

175.4500, 162.3818

226.9624,
215.8242, 201.9821

■ 25.7373, 21.8880,
17.0557

■ 25.7373, 21.8880,
17.0557

■ 23.2999, 18.3364,
12.1638

■ 28.6561, 26.1132,
22.9994

■ 21.3162, 15.4205,
8.2613

■ 32.0784, 31.0408,
30.0501

■ 19.7586, 13.1036,
5.2809

■ 36.0272, 36.7021,
38.2604

■ 18.5956, 11.3441,
3.1465

■ 40.5233, 43.1253,
47.6792

■ 17.7911, 10.0947,
1.7699

■ 45.5867, 50.3373,
58.3529

■ 17.2983, 9.2988,
1.0210

■ 51.2361, 58.3635,
70.3250

■ 17.2005, 9.1452,
0.8586

■ 57.4895, 67.2284,
83.6372

■ 64.3642, 76.9552,
98.3294

■ 70.5948, 87.0538,
107.6901

Harmonies

Analogous

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



26.5555, 21.8880, 23.8681



25.7373, 21.8880, 17.0557



23.5745, 21.8880, 12.9835

Triad

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



25.7373, 21.8880, 17.0557



16.5557, 21.8880, 17.0062



20.7914, 21.8880, 42.4214

Complementary

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



25.7373, 21.8880, 17.0557



27.2663, 33.4377, 44.0466

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.



18.2593, 21.8880, 39.4843



25.7373, 21.8880, 17.0557



15.9492, 21.8880, 23.7966

Square

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



25.7373, 21.8880, 17.0557



18.2791, 21.8880, 12.9597



16.5450, 21.8880, 32.2013



23.5511, 21.8880, 39.5343

Rectangle

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



25.7373, 21.8880, 17.0557



21.7488, 21.8880, 11.8124



16.5450, 21.8880, 32.2013



19.8867, 21.8880, 42.0751

Sweetspot

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



25.7379, 21.8891, 17.0561



62.3847, 62.3240, 63.2114



29.3201, 22.2737, 39.1517



13.3542, 13.2528, 13.3141



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7379, 21.8891, 17.0561



42.8390, 34.0977, 23.2007



29.8965, 30.2063, 18.4423



8.0634, 8.1317, 8.3580



12.8192, 6.8440, 0.6454



0.3756, 0.2283, 0.0243

Inverse Universe

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



27.2663, 33.4377, 44.0466



46.0193, 58.2093, 79.6158



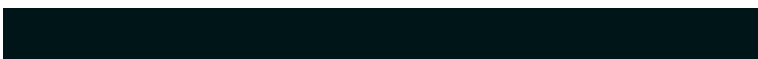
22.2484, 23.4020, 42.3740



8.1712, 8.9417, 10.2479



14.3929, 19.9197, 32.1308



0.4186, 0.5906, 0.8999

Previews

White Background



This preview shows how the XYZ color 25.7373, 21.8880, 17.0557 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 25.7373, 21.8880, 17.0557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

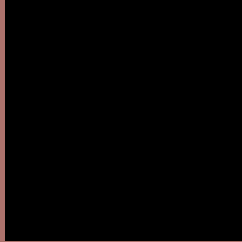
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7373, 21.8880, 17.0557

Background



This preview shows how black text looks on a background with the XYZ color 25.7373, 21.8880, 17.0557.



This preview shows how white text looks on a background with the XYZ color 25.7373, 21.8880,

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

25.7373, 21.8880, 17.0557

Protanopia

20.9364, 22.0892, 19.3798

Deuteranopia

22.3868, 21.9399, 16.6906



Tritanopia

26.4789, 21.8531, 20.9116

Trichromacy



Original Color

25.7373, 21.8880, 17.0557

Protanomaly

22.3450, 21.8811, 18.3750

Deuteranomaly

23.4709, 21.7636, 16.8737

Tritanomaly

26.2911, 21.9554, 19.3751

Monochromacy



Original Color

25.7373, 21.8880, 17.0557

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7628, 22.2083, 21.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7373, 21.8880, 17.0557 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(172, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 114, 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(172, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.7373, 21.8880, 17.0557 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(172, 114, 108) }
```


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

```
.border{ border-color:rgb(172, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7373, 21.8880, 17.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 114, 108) }
```

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

```
.background{ background-color: rgb(172,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor