

Converting Colors

XYZ(27.6696, 24.6946, 21.1041)

Have a look what the booklet for
XYZ(27.6696, 24.6946, 21.1041)
contains.

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Color

**XYZ(27.7370, 24.7940,
21.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7D78
RGB	172, 125, 120
RGB Percent	67%, 49%, 47%
CMY	0.3255, 0.5098, 0.5294
CMYK	0.00, 0.27, 0.30, 0.33
HSL	6°, 24%, 57%
HSV	6°, 30%, 67%
XYZ	27.7370, 24.7940, 21.0931
YIQ	138.4830, 29.6170, 8.4090

Conversions

Conversions Part 2

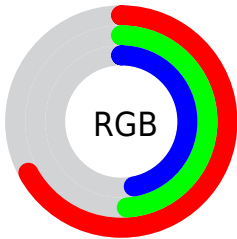
Format	Color
R_{YB}	172, 126, 120
Decimal	11304312
CIE Lab	56.87, 17.54, 9.92
CIE LCh	57, 20.147, 29.501
Yxy	24.7940, 0.3767, 0.3368
Android (android.graphics.Color)	4289494392 (0xFFAC7D78)
YUV	138.4830, -9.1121, 29.3944
Hunter-Lab	49.7936, 12.2928, 9.7396

Details

The XYZ color **27.7370, 24.7940, 21.0931** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0102, 34.6076, 44.1806**, and the grayscale version is **24.3685, 25.6376, 27.9193**.

A 20% lighter version of the original color is **55.3617, 51.3133, 46.0163**, and **11.2254, 9.4883, 7.3707** is the 20% darker color. If you saturate the color by 10%, you get **24.9693, 20.7816, 15.4749**, and if you desaturate by 10%, it is **31.0016, 29.4997, 27.8026**.

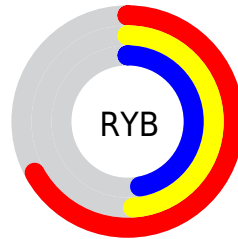
Distribution



Red (67%)

Green (49%)

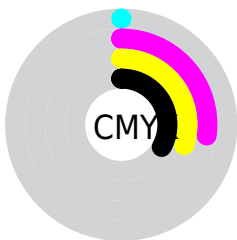
Blue (47%)



Red (67%)

Yellow (49%)

Blue (47%)

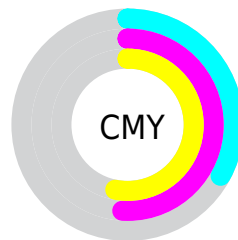


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7370, 24.7940, 21.0931 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 27.7370, 24.7940, 21.0931 by changing the saturation by 10% instead.

■ 27.7370, 24.7940,
21.0931

■ 27.7370, 24.7940,
21.0931

283.3110,
276.8105, 270.5701

■ 18.2669, 15.9236,
13.0002

■ 55.4759, 51.3228,
46.1252

■ 11.2427, 9.4701,
7.2979

■ 74.4754, 69.7501,
63.9015

■ 6.2988, 5.0491,
3.5679

■ 97.3821, 92.1318,
85.7426

■ 3.0700, 2.2761,
1.3914

124.5613,
118.8523, 112.0672

■ 1.1909, 0.7610,
0.1350

156.3785,
150.2960, 143.2937

■ 0.0991, 0.0000,
0.0000

193.1989,

■ 0.0000, 0.0000,

186.8474, 179.8406

0.0000

235.3880,
228.8907, 222.1266

■ 27.7370, 24.7940,
21.0931

■ 27.7370, 24.7940,
21.0931

■ 24.9693, 20.7816,
15.4749

■ 31.0016, 29.4997,
27.8026

■ 22.6721, 17.4264,
10.8887

■ 34.7837, 34.9257,
35.6552

■ 20.8197, 14.6945,
7.2722


■ 39.1053, 41.1018,
44.7014


■ 19.3831, 12.5471,
4.5555


■ 43.9863, 48.0549,
54.9880


■ 18.3297, 10.9417,
2.6593


■ 49.4459, 55.8108,
66.5595


 17.6223, 9.8293,
1.4906

 55.5020, 64.3941,
79.4581

 17.2068, 9.1578,
0.8607

 62.1722, 73.8281,
93.7240

 69.0513, 83.9668,
107.1756

 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



28.3974, 24.7940, 27.1098



27.7370, 24.7940, 21.0931



25.9431, 24.7940, 17.2816

Triad

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



27.7370, 24.7940, 21.0931



19.8708, 24.7940, 20.9272



23.5265, 24.7940, 42.1760

Complementary

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



27.7370, 24.7940, 21.0931



29.0102, 34.6076, 44.1806

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.



21.3387, 24.7940, 39.8033



27.7370, 24.7940, 21.0931



19.3162, 24.7940, 26.8834

Square

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



27.7370, 24.7940, 21.0931



21.4028, 24.7940, 17.1976



19.8355, 24.7940, 33.9097



25.8702, 24.7940, 39.9501

Rectangle

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



27.7370, 24.7940, 21.0931



24.4020, 24.7940, 16.1348



19.8355, 24.7940, 33.9097



22.7493, 24.7940, 41.8846

Sweetspot

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



27.7377, 24.7952, 21.0936



63.8950, 64.4944, 66.3361



30.7666, 25.0185, 40.0906



13.6591, 13.6915, 13.9434



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.



27.7377, 24.7952, 21.0936



46.9988, 40.1721, 31.5088



31.3631, 32.0460, 22.3021



8.0650, 8.1347, 8.3585



12.8242, 6.8539, 0.6470



0.3762, 0.2295, 0.0245

Inverse Universe

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



29.0102, 34.6076, 44.1806



49.6601, 60.7315, 79.9108



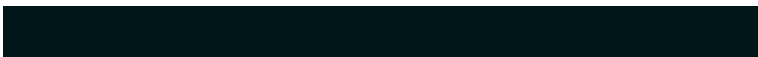
24.8158, 26.2188, 42.7824



8.1695, 8.9383, 10.2474



14.3416, 19.8170, 32.1137



0.4176, 0.5885, 0.8996

Previews

White Background



This preview shows how the XYZ color 27.7370, 24.7940, 21.0931 looks on a white background.

Color Contrast Check

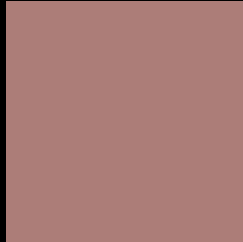
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7370, 24.7940, 21.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

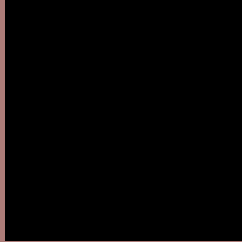
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7370, 24.7940, 21.0931

Background



This preview shows how black text looks on a background with the XYZ color 27.7370, 24.7940, 21.0931.



This preview shows how white text looks on a background with the XYZ color 27.7370, 24.7940,

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

27.7370, 24.7940, 21.0931

Protanopia

23.7254, 24.8655, 23.2877

Deuteranopia

25.2913, 24.9024, 20.9264



Tritanopia

28.5502, 24.7436, 25.4615

Trichromacy



Original Color

27.7370, 24.7940, 21.0931

Protanomaly

25.0262, 24.7301, 22.5231

Deuteranomaly

26.0803, 24.7138, 20.8484

Tritanomaly

28.3375, 24.8581, 23.7266

Monochromacy



Original Color

27.7370, 24.7940, 21.0931

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0619, 24.8978, 24.9576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7370, 24.7940, 21.0931 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, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(172, 125, 120)  
}
```

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, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 125, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.7370, 24.7940, 21.0931 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, 125, 120) }
```


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

```
.border{ border-color:rgb(172, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(172, 125,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7370, 24.7940, 21.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 125, 120) }
```

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

```
.background{ background-color: rgb(172,  
125, 120) }
```

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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