

Converting Colors

XYZ(28.7474, 24.2552, 19.3862)

Have a look what the booklet for
XYZ(28.7474, 24.2552, 19.3862)
contains.

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Color

**XYZ(28.7474, 24.2552,
19.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	B57773
RGB	181, 119, 115
RGB Percent	71%, 47%, 45%
CMY	0.2902, 0.5333, 0.5490
CMYK	0.00, 0.34, 0.36, 0.29
HSL	4°, 31%, 58%
HSV	4°, 36%, 71%
XYZ	28.7474, 24.2552, 19.3862
YIQ	137.0820, 38.2360, 11.9000

Conversions

Conversions Part 2

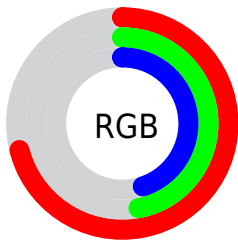
Format	Color
R_{YB}	181, 119, 115
Decimal	11892595
CIE _{Lab}	56.34, 23.81, 12.21
CIE _{LCh}	56, 26.757, 27.161
Yxy	24.2552, 0.3971, 0.3351
Android (android.graphics.Color)	4290082675 (0xFFB57773)
YUV	137.0820, -10.8864, 38.5161
Hunter-Lab	49.2496, 18.0053, 11.1363

Details

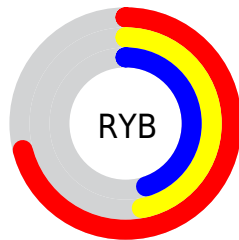
The XYZ color **28.7474, 24.2552, 19.3862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.1322, 38.4239, 49.4918**, and the grayscale version is **23.8392, 25.0806, 27.3128**.

A 20% lighter version of the original color is **56.9875, 50.4722, 43.2978**, and **11.8075, 9.2212, 6.4677** is the 20% darker color. If you saturate the color by 10%, you get **25.9608, 20.1883, 13.8135**, and if you desaturate by 10%, it is **32.1018, 29.1302, 26.1576**.

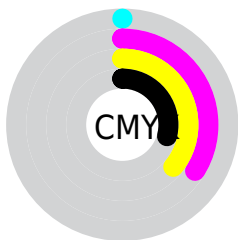
Distribution



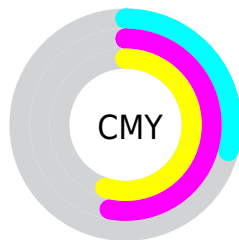
- Red (71%)
- Green (47%)
- Blue (45%)



- Red (71%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (36%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7474, 24.2552, 19.3862 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 28.7474, 24.2552, 19.3862 by changing the saturation by 10% instead.


 28.7474, 24.2552,
19.3862


 28.7474, 24.2552,
19.3862


288.0370,
274.1082, 261.0660


 19.0331, 15.5230,
11.7700


 57.0759, 50.4463,
43.2310

 11.7984, 9.1873,
6.4667


 76.4208, 68.6741,
60.2968

 6.6778, 4.8635,
3.0575


 99.7066, 90.8358,
81.3495

 3.3059, 2.1674,
1.1241

127.2987,
117.3160, 106.8076

 1.3175, 0.7021,
0.0000

159.5624,
148.4989, 137.0898

 0.1963, 0.0000,
0.0000

196.8632,

 0.0000, 0.0000,

184.7689, 172.6146

0.0000

239.5662,
226.5106, 213.8005

■ 28.7474, 24.2552,
19.3862

■ 28.7474, 24.2552,
19.3862

■ 25.9608, 20.1883,
13.8135

■ 32.1018, 29.1302,
26.1576

■ 23.7087, 16.8825,
9.3682

■ 36.0510, 34.8500,
34.1904

■ 21.9574, 14.2916,
5.9740

■ 40.6225, 41.4531,
43.5446

■ 20.6685, 12.3627,
3.5442

■ 45.8417, 48.9748,
54.2760

■ 19.7981, 11.0356,
1.9783

■ 51.7324, 57.4484,
66.4372

■ 19.2915, 10.2385,
1.1433

■ 58.3174, 66.9056,
80.0780

■ 19.1755, 10.0627,
0.9316

■ 65.6181, 77.3765,
95.2458

■ 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



29.5036, 24.2552, 27.2607



28.7474, 24.2552, 19.3862



26.4242, 24.2552, 14.5489

Triad

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



28.7474, 24.2552, 19.3862



18.4185, 24.2552, 18.2236



22.7611, 24.2552, 47.2820

Complementary

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



28.7474, 24.2552, 19.3862



31.1322, 38.4239, 49.4918

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.



19.9830, 24.2552, 43.4184



28.7474, 24.2552, 19.3862



17.6200, 24.2552, 25.5768

Square

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



28.7474, 24.2552, 19.3862



20.4495, 24.2552, 13.9904



18.1665, 24.2552, 34.9529



25.8704, 24.2552, 44.6017

Rectangle

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



28.7474, 24.2552, 19.3862



24.3979, 24.2552, 13.0629



18.1665, 24.2552, 34.9529



21.7601, 24.2552, 46.6887

Sweetspot

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



28.7480, 24.2564, 19.3867



68.7476, 68.4583, 69.7784



33.1927, 25.2878, 45.0934



14.6252, 14.4588, 14.6036



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.7480, 24.2564, 19.3867



47.2879, 37.3164, 26.3170



33.2657, 33.2917, 20.8926



8.5364, 8.5853, 8.8597



13.2376, 6.9738, 0.6484



0.4301, 0.2467, 0.0249

Inverse Universe

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



31.1322, 38.4239, 49.4918



52.1925, 66.5033, 88.3802



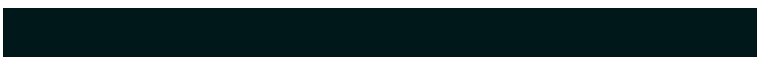
25.4905, 27.1405, 47.6113



8.6976, 9.5415, 10.8896



15.6804, 22.1612, 33.5881



0.5066, 0.7237, 1.0612

Previews

White Background



This preview shows how the XYZ color 28.7474, 24.2552, 19.3862 looks on a white background.

Color Contrast Check

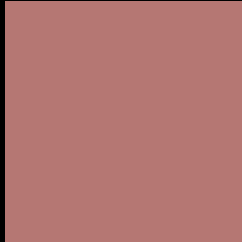
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7474, 24.2552, 19.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

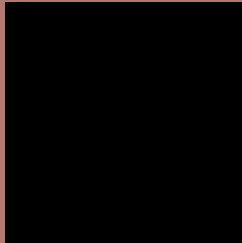
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7474, 24.2552, 19.3862

Background



This preview shows how black text looks on a background with the XYZ color 28.7474, 24.2552, 19.3862.



This preview shows how white text looks on a background with the XYZ color 28.7474, 24.2552,

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

28.7474, 24.2552, 19.3862

Protanopia

23.2236, 24.4207, 22.2285

Deuteranopia

24.6736, 24.2254, 18.9983



Tritanopia

29.4186, 24.1740, 22.8542

Trichromacy



Original Color

28.7474, 24.2552, 19.3862

Protanomaly

24.9507, 24.1245, 21.1107

Deuteranomaly

26.0152, 24.1359, 19.2071

Tritanomaly

29.2827, 24.3071, 21.5607

Monochromacy



Original Color

28.7474, 24.2552, 19.3862

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.0819, 24.3225, 24.1416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7474, 24.2552, 19.3862 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(181, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 115)  
}
```

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(181, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 28.7474, 24.2552, 19.3862 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(181, 119, 115) }
```


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

```
.border{ border-color:rgb(181, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 119, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 119, 115); box-shadow:4px 4px 4px 4px rgb(181, 119, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7474, 24.2552, 19.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 115) }
```

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

```
.background{ background-color: rgb(181,  
119, 115) }
```

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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