

Converting Colors

XYZ(24.2017, 21.9746, 17.4157)

Have a look what the booklet for
XYZ(24.2017, 21.9746, 17.4157)
contains.

XYZ(24.2574, 21.9792, 17.4319)	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(24.2574, 21.9792,
17.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	A2776D
RGB	162, 119, 109
RGB Percent	64%, 47%, 43%
CMY	0.3647, 0.5333, 0.5725
CMYK	0.00, 0.27, 0.33, 0.36
HSL	11°, 22%, 53%
HSV	11°, 33%, 64%
XYZ	24.2574, 21.9792, 17.4319
YIQ	130.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

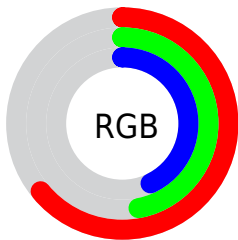
Format	Color
R_{YB}	162, 121, 109
Decimal	10647405
CIE _{Lab}	54.00, 15.41, 12.10
CIE _{LCh}	54, 19.592, 38.138
Yxy	21.9792, 0.3810, 0.3452
Android (android.graphics.Color)	4288837485 (0xFFA2776D)
YUV	130.7170, -10.7065, 27.4352
Hunter-Lab	46.8820, 10.3150, 10.7719

Details

The XYZ color **24.2574, 21.9792, 17.4319** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0560, 28.3151, 38.3798**, and the grayscale version is **21.5027, 22.6226, 24.6360**.

A 20% lighter version of the original color is **49.8215, 46.5693, 39.6206**, and **9.3663, 7.9793, 5.6039** is the 20% darker color. If you saturate the color by 10%, you get **22.0071, 18.7479, 12.7686**, and if you desaturate by 10%, it is **26.8859, 25.7095, 23.0148**.

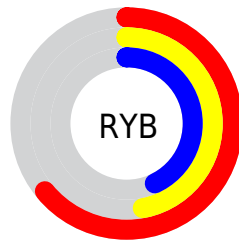
Distribution



Red (64%)

Green (47%)

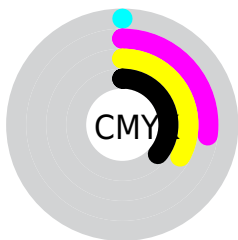
Blue (43%)



Red (64%)

Yellow (47%)

Blue (43%)

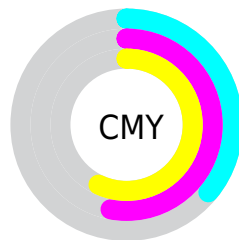


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (36%)



Cyan (36%)


Magenta (53%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2574, 21.9792, 17.4319 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 24.2574, 21.9792, 17.4319 by changing the saturation by 10% instead.

 24.2574, 21.9792,
17.4319


 24.2574, 21.9792,
17.4319


266.5356,
262.4376, 249.7768

 15.6504, 13.8416,
10.3777


 49.9015, 46.7116,
39.8677


 9.3664, 8.0106,
5.5412


 67.6694, 64.0752,
56.0863

 5.0400, 4.1017,
2.5040

 89.2217, 85.2830,
76.1968

 2.3057, 1.7306,
0.8422

 114.9236,
110.7193, 100.6178

 0.7976, 0.4434,
0.0000

145.1406,
140.7685, 129.7677

 0.0000, 0.0000,
0.0000

180.2381,

175.8150, 164.0652

220.5813,
216.2433, 203.9287

■ 24.2574, 21.9792,
17.4319

■ 24.2574, 21.9792,
17.4319

■ 22.0071, 18.7479,
12.7686

■ 26.8859, 25.7095,
23.0148

■ 20.1156, 15.9912,
8.9739

■ 29.9075, 29.9556,
29.5617

■ 18.5643, 13.6876,
5.9943

■ 33.3380, 34.7373,
37.1158


■ 17.3324, 11.8123,
3.7692


■ 37.1923, 40.0725,
45.7172


■ 16.3964, 10.3382,
2.2300


■ 41.4841, 45.9781,
55.4039

 15.7293, 9.2352,
1.2950

 46.2268, 52.4705,
66.2119

 15.3793, 8.6394,
0.8570

 51.4331, 59.5653,
78.1757

 57.1152, 67.2776,
91.3280

 63.2848, 75.6217,
105.7006

Harmonies

Analogous

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



25.1833, 21.9792, 22.3195



24.2574, 21.9792, 17.4319



22.4428, 21.9792, 14.6632

Triad

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



24.2574, 21.9792, 17.4319



17.3370, 21.9792, 19.8490



21.4719, 21.9792, 37.4215

Complementary

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



24.2574, 21.9792, 17.4319



24.0560, 28.3151, 38.3798

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.



19.4116, 21.9792, 36.4589



24.2574, 21.9792, 17.4319



17.1156, 21.9792, 25.6195

Square

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



24.2574, 21.9792, 17.4319



18.4770, 21.9792, 15.8858



17.8506, 21.9792, 31.8743



23.5057, 21.9792, 34.3180

Rectangle

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



24.2574, 21.9792, 17.4319



21.0231, 21.9792, 14.0712



17.8506, 21.9792, 31.8743



20.7586, 21.9792, 37.5715

Sweetspot

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



24.2580, 21.9802, 17.4323



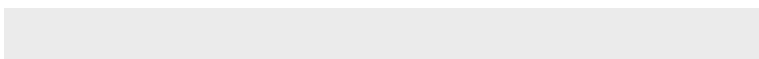
55.7967, 56.4816, 56.9548



26.0597, 20.8951, 32.4872



12.3516, 12.4338, 12.3971



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.2580, 21.9802, 17.4323



41.0977, 35.6881, 25.5284



27.8192, 29.1026, 18.6194



7.1770, 7.2923, 7.4094



12.1408, 6.8556, 0.6834



0.2832, 0.2003, 0.0237

Inverse Universe

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



24.0560, 28.3151, 38.3798



40.6647, 48.9226, 69.3559



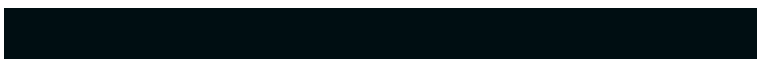
20.2616, 20.7264, 37.1150



7.1620, 7.7829, 9.0278



11.6063, 14.9920, 29.2118



0.2715, 0.3703, 0.6230

Previews

White Background



This preview shows how the XYZ color 24.2574, 21.9792, 17.4319 looks on a white background.

Color Contrast Check

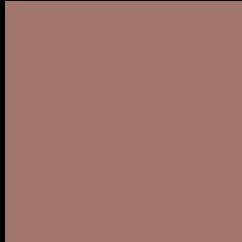
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2574, 21.9792, 17.4319 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 24.2574, 21.9792, 17.4319

Background



This preview shows how black text looks on a background with the XYZ color 24.2574, 21.9792, 17.4319.



This preview shows how white text looks on a background with the XYZ color 24.2574, 21.9792,

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

24.2574, 21.9792, 17.4319

Protanopia

20.8792, 22.0663, 19.0784

Deuteranopia

22.3089, 21.8876, 17.2363



Tritanopia

25.3728, 22.0958, 22.3297

Trichromacy



Original Color

24.2574, 21.9792, 17.4319

Protanomaly

21.9353, 21.8568, 18.3919

Deuteranomaly

22.9927, 21.8718, 17.1972

Tritanomaly

24.9125, 22.0753, 20.4007

Monochromacy



Original Color

24.2574, 21.9792, 17.4319

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3199, 22.3596, 21.8783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2574, 21.9792, 17.4319 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(162, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 109)  
}
```

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(162, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 24.2574, 21.9792, 17.4319 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(162, 119, 109) }
```


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

```
.border{ border-color:rgb(162, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2574, 21.9792, 17.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 109) }
```

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

```
.background{ background-color: rgb(162,  
119, 109) }
```

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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