

Converting Colors

XYZ(28.7576, 24.1525, 24.2653)

Have a look what the booklet for
XYZ(28.7576, 24.1525, 24.2653)
contains.

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Color

**XYZ(28.7576, 24.1525,
24.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	B17782
RGB	177, 119, 130
RGB Percent	69%, 47%, 51%
CMY	0.3059, 0.5333, 0.4902
CMYK	0.00, 0.33, 0.27, 0.31
HSL	349°, 27%, 58%
HSV	349°, 33%, 69%
XYZ	28.7576, 24.1525, 24.2653
YIQ	137.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

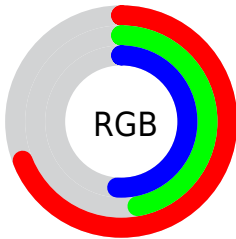
Format	Color
R_{YB}	177, 119, 130
Decimal	11630466
CIE _{Lab}	56.24, 24.29, 3.30
CIE _{LCh}	56, 24.509, 7.727
Yxy	24.1525, 0.3726, 0.3130
Android (android.graphics.Color)	4289820546 (0xFFB17782)
YUV	137.5960, -3.7448, 34.5573
Hunter-Lab	49.1452, 18.4462, 5.1274

Details

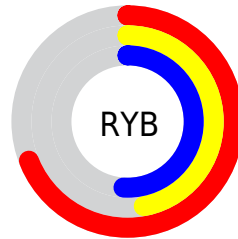
The XYZ color **28.7576, 24.1525, 24.2653** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2139, 38.1201, 41.8439**, and the grayscale version is **24.0098, 25.2602, 27.5083**.

A 20% lighter version of the original color is **57.2315, 50.4164, 51.5147**, and **11.8437, 9.1854, 8.9333** is the 20% darker color. If you saturate the color by 10%, you get **25.9473, 19.9668, 18.9049**, and if you desaturate by 10%, it is **32.0958, 29.1788, 30.4644**.

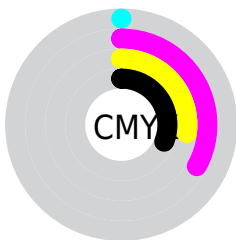
Distribution



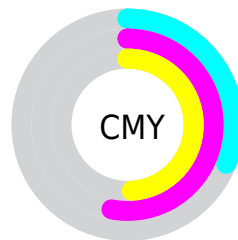
- Red (69%)
- Green (47%)
- Blue (51%)



- Red (69%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7576, 24.1525, 24.2653 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 28.7576, 24.1525, 24.2653 by changing the saturation by 10% instead.

 28.7576, 24.1525,
24.2653


 28.7576, 24.1525,
24.2653


288.0844,
273.5906, 287.4887


 19.0409, 15.4468,
15.3165


 57.0920, 50.2789,
51.4120

 11.8040, 9.1335,
8.8927


 76.4403, 68.4685,
70.4471

 6.6816, 4.8284,
4.5754


 99.7300, 90.5880,
93.6813

 3.3083, 2.1469,
1.9460

127.3262,
117.0221, 121.5332

 1.3188, 0.6908,
0.5218

159.5944,
148.1549, 154.4213

 0.1973, 0.0000,
0.0000

196.8999,

 0.0000, 0.0000,

184.3710, 192.7643

0.0000

239.6081,
226.0548, 236.9805

■ 28.7576, 24.1525,
24.2653

■ 28.7576, 24.1525,
24.2653

■ 25.9473, 19.9668,
18.9049

■ 32.0958, 29.1788,
30.4644

■ 23.6356, 16.5723,
14.3455

■ 35.9851, 35.0846,
37.5349

■ 21.7932, 13.9200,
10.5483

■ 40.4501, 41.9105,
45.5095


■ 20.3871, 11.9539,
7.4711


■ 45.5128, 49.6936,
54.4187


■ 19.3796, 10.6098,
5.0670


■ 51.1946, 58.4689,
64.2915


 18.7264, 9.8114,
3.2834

 57.5153, 68.2697,
75.1559

 18.4140, 9.4601,
2.3358

 64.4942, 79.1277,
87.0385

 70.3353, 87.4447,
99.3603

 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



28.3468, 24.1525, 32.6318



28.7576, 24.1525, 24.2653



27.5161, 24.1525, 17.8963

Triad

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



28.7576, 24.1525, 24.2653



19.7964, 24.1525, 15.8310



20.9624, 24.1525, 43.4391

Complementary

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



28.7576, 24.1525, 24.2653



30.2139, 38.1201, 41.8439

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.



18.9302, 24.1525, 36.9873



28.7576, 24.1525, 24.2653



18.2964, 24.1525, 20.8418

Square

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



28.7576, 24.1525, 24.2653



22.2351, 24.1525, 13.7190



17.9928, 24.1525, 28.4411



23.6928, 24.1525, 44.8762

Rectangle

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



28.7576, 24.1525, 24.2653



25.9740, 24.1525, 15.2345



17.9928, 24.1525, 28.4411



20.1818, 24.1525, 41.7293

Sweetspot

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



28.7583, 24.1536, 24.2658



66.4223, 65.8465, 70.7720



30.1339, 24.4115, 44.7189



14.1671, 13.9226, 14.9286



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.7583, 24.1536, 24.2658



47.9331, 37.9282, 36.6774



30.3227, 28.4013, 21.3380



8.5600, 8.5307, 9.1815



13.3588, 6.8611, 1.7832



0.4398, 0.2237, 0.1588

Inverse Universe

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



28.7583, 24.1536, 24.2658



47.9331, 37.9282, 36.6774



28.0461, 32.1003, 46.3130



8.5600, 8.5307, 9.1815



13.3588, 6.8611, 1.7832



0.4398, 0.2237, 0.1588

Previews

White Background



This preview shows how the XYZ color 28.7576, 24.1525, 24.2653 looks on a white background.

Color Contrast Check

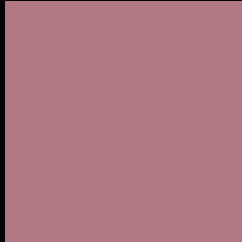
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7576, 24.1525, 24.2653 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 28.7576, 24.1525, 24.2653

Background



This preview shows how black text looks on a background with the XYZ color 28.7576, 24.1525, 24.2653.



This preview shows how white text looks on a background with the XYZ color 28.7576, 24.1525,

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

28.7576, 24.1525, 24.2653

Protanopia

23.5018, 24.2326, 27.8648

Deuteranopia

24.7751, 24.3704, 23.8202



Tritanopia

28.6246, 24.0993, 23.5650

Trichromacy



Original Color

28.7576, 24.1525, 24.2653

Protanomaly

25.2431, 24.1535, 26.6242

Deuteranomaly

26.0490, 24.2373, 24.0742

Tritanomaly

28.6907, 24.1257, 23.9134

Monochromacy



Original Color

28.7576, 24.1525, 24.2653

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4384, 24.6573, 26.3403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7576, 24.1525, 24.2653 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(177, 119, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 119, 130)  
}
```

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(177, 119, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 119, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.7576, 24.1525, 24.2653 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(177, 119, 130) }
```


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

```
.border{ border-color:rgb(177, 119, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 119, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 119, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 119, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 119,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7576, 24.1525, 24.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 119, 130) }
```

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

```
.background{ background-color: rgb(177,  
119, 130) }
```

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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