

Converting Colors

XYZ(28.4730, 24.8361, 17.5811)

Have a look what the booklet for
XYZ(28.4730, 24.8361, 17.5811)
contains.

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Color

**XYZ(28.3801, 24.8323,
17.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	B37B6C
RGB	179, 123, 108
RGB Percent	70%, 48%, 42%
CMY	0.2980, 0.5176, 0.5765
CMYK	0.00, 0.31, 0.40, 0.30
HSL	13°, 32%, 56%
HSV	13°, 40%, 70%
XYZ	28.3801, 24.8323, 17.4847
YIQ	138.0340, 38.1910, 7.2070

Conversions

Conversions Part 2

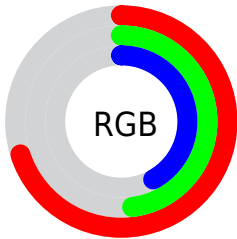
Format	Color
R _Y B	179, 127, 108
Decimal	11762540
CIE Lab	56.91, 19.92, 17.00
CIE LCh	57, 26.187, 40.485
Yxy	24.8323, 0.4014, 0.3512
Android (android.graphics.Color)	4289952620 (0xFFB37B6C)
YUV	138.0340, -14.8068, 35.9272
Hunter-Lab	49.8320, 14.4525, 14.0792

Details

The XYZ color **28.3801, 24.8323, 17.4847** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5959, 32.9924, 47.5614**, and the grayscale version is **24.2155, 25.4766, 27.7440**.

A 20% lighter version of the original color is **56.3754, 51.3867, 39.7482**, and **11.6033, 9.5196, 5.6408** is the 20% darker color. If you saturate the color by 10%, you get **25.8968, 21.2369, 12.4297**, and if you desaturate by 10%, it is **31.3129, 29.0135, 23.6550**.

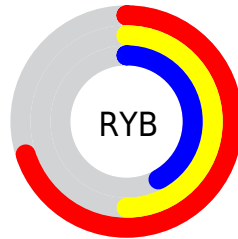
Distribution



Red (70%)

Green (48%)

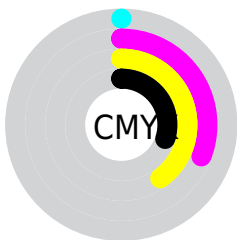
Blue (42%)



Red (70%)

Yellow (50%)

Blue (42%)

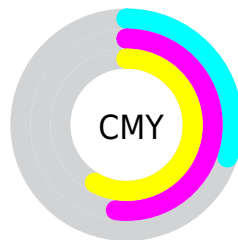


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (30%)



Cyan (30%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3801, 24.8323, 17.4847 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 28.3801, 24.8323, 17.4847 by changing the saturation by 10% instead.


 28.3801, 24.8323,
17.4847


 28.3801, 24.8323,
17.4847


286.3260,
277.0018, 250.0881


 18.7543, 15.9522,
10.4151


 56.4951, 51.3850,
39.9593


 11.5958, 9.4903,
5.5658


 75.7151, 69.8264,
56.2013

 6.5393, 5.0623,
2.5184


 98.8638, 92.2237,
76.3379

 3.2195, 2.2839,
0.8499

 126.3066,
118.9612, 100.7876

 1.2709, 0.7652,
0.0000

158.4088,
150.4233, 129.9689

 0.1612, 0.0000,
0.0000

195.5359,

 0.0000, 0.0000,

186.9946, 164.3004

0.0000

238.0532,
229.0592, 204.2006

■ 28.3801, 24.8323,
17.4847

■ 28.3801, 24.8323,
17.4847

■ 25.8968, 21.2369,
12.4297

■ 31.3129, 29.0135,
23.6550

■ 23.8382, 18.1972,
8.4214

■ 34.7144, 33.8016,
31.0006

■ 22.1800, 15.6862,
5.3860


■ 38.6050, 39.2208,
39.5789


■ 20.8946, 13.6728,
3.2392


■ 43.0032, 45.2933,
49.4432


■ 19.9504, 12.1225,
1.8824


■ 47.9269, 52.0398,
60.6435


 19.2964, 10.9905,
1.1216

 53.3926, 59.4804,
73.2272

 19.2779, 10.9588,
1.0992

 59.4165, 67.6342,
87.2396

 66.0138, 76.5196,
102.7234

 70.8448, 85.2126,
107.3215

Harmonies

Analogous

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



29.8921, 24.8323, 24.0785



28.3801, 24.8323, 17.4847



25.6286, 24.8323, 14.0343

Triad

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



28.3801, 24.8323, 17.4847



18.4667, 24.8323, 21.7773



24.6923, 24.8323, 47.2885

Complementary

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



28.3801, 24.8323, 17.4847



27.5959, 32.9924, 47.5614

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.



21.6858, 24.8323, 46.2960



28.3801, 24.8323, 17.4847



18.2633, 24.8323, 30.2309

Square

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



28.3801, 24.8323, 17.4847



19.9754, 24.8323, 16.1153



19.3934, 24.8323, 39.5589



27.6438, 24.8323, 42.0333

Rectangle

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



28.3801, 24.8323, 17.4847



23.5525, 24.8323, 13.4170



19.3934, 24.8323, 39.5589



23.6523, 24.8323, 47.6984

Sweetspot

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



28.3807, 24.8335, 17.4852



67.2870, 67.6705, 66.7704



30.7264, 23.0184, 38.3255



14.7049, 14.7108, 14.3450



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.



28.3807, 24.8335, 17.4852



46.7299, 38.5448, 22.9589



33.4730, 35.0180, 19.1826



8.6371, 8.7867, 8.8933



13.6624, 7.8233, 0.7900



0.4718, 0.3301, 0.0388

Inverse Universe

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



27.5959, 32.9924, 47.5614



45.0920, 55.2318, 84.6654



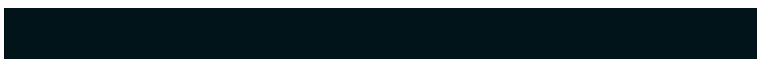
22.2111, 22.2227, 45.7665



8.5872, 9.3206, 10.8528



12.5468, 15.8940, 32.5436



0.4330, 0.5766, 1.0367

Previews

White Background



This preview shows how the XYZ color 28.3801, 24.8323, 17.4847 looks on a white background.

Color Contrast Check

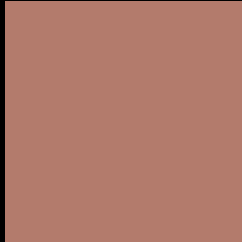
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3801, 24.8323, 17.4847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

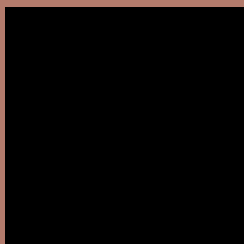
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3801, 24.8323, 17.4847

Background



This preview shows how black text looks on a background with the XYZ color 28.3801, 24.8323, 17.4847.



This preview shows how white text looks on a background with the XYZ color 28.3801, 24.8323,

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

28.3801, 24.8323, 17.4847

Protanopia

23.4845, 25.0355, 19.5142

Deuteranopia

25.2150, 24.7468, 17.0833



Tritanopia

29.7350, 24.8417, 23.9966

Trichromacy



Original Color

28.3801, 24.8323, 17.4847

Protanomaly

25.0805, 24.8405, 18.8020

Deuteranomaly

26.3094, 24.7154, 17.2938

Tritanomaly

29.1110, 24.7585, 21.3337

Monochromacy



Original Color

28.3801, 24.8323, 17.4847

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3552, 25.0797, 23.5832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3801, 24.8323, 17.4847 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(179, 123, 108)` looks like.

```
.text, #text, p{  
    color:rgb(179, 123, 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(179, 123, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 123, 108) }
```

Border

The CSS property to change the border of an element to XYZ 28.3801, 24.8323, 17.4847 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(179, 123, 108) }
```


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

```
.border{ border-color:rgb(179, 123, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 123, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 123, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 123, 108);  
box-shadow:4px 4px 4px 4px rgb(179, 123,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3801, 24.8323, 17.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 123, 108) }
```

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

```
.background{ background-color: rgb(179,  
123, 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](#).

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