

Converting Colors

XYZ(28.3224, 25.5665, 17.0777)

Have a look what the booklet for
XYZ(28.3224, 25.5665, 17.0777)
contains.

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Color

**XYZ(28.3224, 25.5665,
17.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	B17F6A
RGB	177, 127, 106
RGB Percent	69%, 50%, 42%
CMY	0.3059, 0.5019, 0.5843
CMYK	0.00, 0.28, 0.40, 0.31
HSL	18°, 31%, 55%
HSV	18°, 40%, 69%
XYZ	28.3224, 25.5665, 17.0777
YIQ	139.5560, 36.5410, 4.0690

Conversions

Conversions Part 2

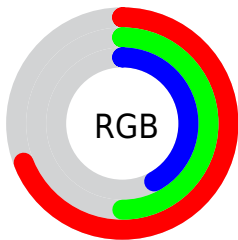
Format	Color
R_{YB}	177, 136, 106
Decimal	11632490
CIE _{Lab}	57.62, 16.62, 19.08
CIE _{LCh}	58, 25.304, 48.934
Yxy	25.5665, 0.3991, 0.3603
Android (android.graphics.Color)	4289822570 (0xFFB17F6A)
YUV	139.5560, -16.5431, 32.8384
Hunter-Lab	50.5633, 11.4987, 15.3692

Details

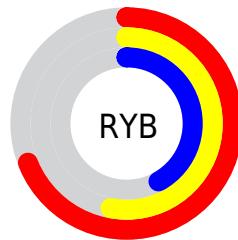
The XYZ color **28.3224, 25.5665, 17.0777** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7677, 30.0143, 46.0303**, and the grayscale version is **24.8078, 26.0998, 28.4227**.

A 20% lighter version of the original color is **56.3387, 52.5693, 39.0758**, and **11.5398, 9.9021, 5.4408** is the 20% darker color. If you saturate the color by 10%, you get **25.9840, 22.2137, 12.2162**, and if you desaturate by 10%, it is **31.0513, 29.3960, 23.0072**.

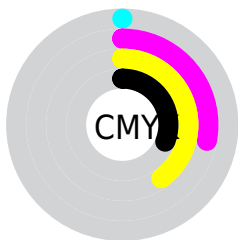
Distribution



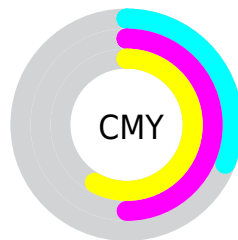
- Red (69%)
- Green (50%)
- Blue (42%)



- Red (69%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3224, 25.5665, 17.0777 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 28.3224, 25.5665, 17.0777 by changing the saturation by 10% instead.


 28.3224, 25.5665,
17.0777


 28.3224, 25.5665,
17.0777


286.0565,
280.6475, 247.6788


 18.7105, 16.4996,
10.1274


 56.4038, 52.5748,
39.2518

 11.5641, 9.8784,
5.3768


 75.6041, 71.2850,
55.3126

 6.5177, 5.3184,
2.4074


 98.7311, 93.9784,
75.2474

 3.2059, 2.4353,
0.7905

 126.1504,
121.0394, 99.4746

 1.2636, 0.8439,
0.0000

158.2272,
152.8524, 128.4128

 0.1557, 0.0000,
0.0000

195.3269,

 0.0000, 0.0000,

189.8018, 162.4806

0.0000

237.8149,
232.2721, 202.0964

■ 28.3224, 25.5665,
17.0777

■ 28.3224, 25.5665,
17.0777

■ 25.9840, 22.2137,
12.2162

■ 31.0513, 29.3960,
23.0072

■ 24.0150, 19.3149,
8.3567

■ 34.1864, 33.7167,
30.0622

■ 22.3955, 16.8505,
5.4283


■ 37.7447, 38.5468,
38.2978


■ 21.1022, 14.7984,
3.3500


■ 41.7420, 43.9025,
47.7651


■ 20.1089, 13.1338,
2.0263


■ 46.1928, 49.7993,
58.5121

 19.3757, 11.8356,
1.2633

 51.1113, 56.2522,
70.5843

 56.5108, 63.2752,
84.0250

 62.4042, 70.8821,
98.8754

 67.1004, 78.4049,
106.2048

Harmonies

Analogous

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



30.2238, 25.5665, 22.7774



28.3224, 25.5665, 17.0777



25.4331, 25.5665, 14.4871

Triad

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



28.3224, 25.5665, 17.0777



19.0301, 25.5665, 24.7630



26.2357, 25.5665, 46.7407

Complementary

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



28.3224, 25.5665, 17.0777



25.7677, 30.0143, 46.0303

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.



23.2015, 25.5665, 47.5810



28.3224, 25.5665, 17.0777



19.2060, 25.5665, 33.5966

Square

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



28.3224, 25.5665, 17.0777



20.1756, 25.5665, 18.2708



20.6780, 25.5665, 42.3705



28.9517, 25.5665, 40.2687

Rectangle

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



28.3224, 25.5665, 17.0777



23.4085, 25.5665, 14.4177



20.6780, 25.5665, 42.3705



25.2142, 25.5665, 47.7348

Sweetspot

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



28.3231, 25.5677, 17.0782



66.2019, 67.1489, 65.3241



29.3615, 22.0857, 34.5617



14.1684, 14.3105, 13.7410



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.



28.3231, 25.5677, 17.0782



47.0398, 40.5138, 22.9007



33.5860, 36.0937, 18.8325



8.6945, 8.9014, 8.9124



14.0853, 8.6691, 0.9309



0.4952, 0.3768, 0.0466

Inverse Universe

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



25.7677, 30.0143, 46.0303



41.8134, 49.5233, 81.8505



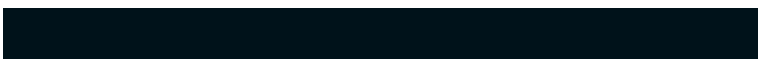
20.7639, 20.0069, 44.3624



8.5261, 9.1985, 10.8324



11.0847, 12.9698, 32.0562



0.3965, 0.5036, 1.0245

Previews

White Background



This preview shows how the XYZ color 28.3224, 25.5665, 17.0777 looks on a white background.

Color Contrast Check

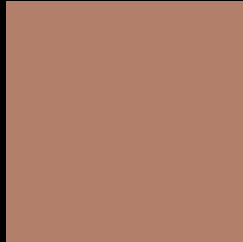
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3224, 25.5665, 17.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

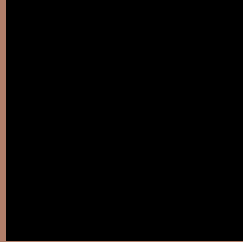
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3224, 25.5665, 17.0777

Background



This preview shows how black text looks on a background with the XYZ color 28.3224, 25.5665, 17.0777.



This preview shows how white text looks on a background with the XYZ color 28.3224, 25.5665,

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

28.3224, 25.5665, 17.0777

Protanopia

23.9903, 25.5277, 18.7018

Deuteranopia

26.0416, 25.5815, 16.9298



Tritanopia

30.1390, 25.5627, 25.5359

Trichromacy



Original Color

28.3224, 25.5665, 17.0777

Protanomaly

25.3860, 25.4234, 18.0372

Deuteranomaly

26.8146, 25.5774, 16.8882

Tritanomaly

29.3732, 25.4291, 22.0991

Monochromacy



Original Color

28.3224, 25.5665, 17.0777

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6971, 25.6588, 24.0203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3224, 25.5665, 17.0777 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, 127, 106)` looks like.

```
.text, #text, p{  
    color:rgb(177, 127, 106)  
}
```

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, 127, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 127, 106) }
```

Border

The CSS property to change the border of an element to XYZ 28.3224, 25.5665, 17.0777 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, 127, 106) }
```


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

```
.border{ border-color:rgb(177, 127, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 127, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 127, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 127, 106);  
box-shadow:4px 4px 4px 4px rgb(177, 127,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3224, 25.5665, 17.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 127, 106) }
```

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

```
.background{ background-color: rgb(177,  
127, 106) }
```

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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