

Converting Colors

XYZ(28.1646, 26.1199, 18.1899)

Have a look what the booklet for
XYZ(28.1646, 26.1199, 18.1899)
contains.

XYZ(28.0307, 25.9753, 18.2882)	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(28.0307, 25.9753,
18.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	AD826E
RGB	173, 130, 110
RGB Percent	68%, 51%, 43%
CMY	0.3216, 0.4902, 0.5686
CMYK	0.00, 0.25, 0.36, 0.32
HSL	19°, 28%, 55%
HSV	19°, 36%, 68%
XYZ	28.0307, 25.9753, 18.2882
YIQ	140.5770, 32.0480, 2.8960

Conversions

Conversions Part 2

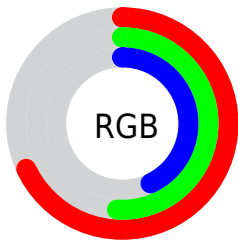
Format	Color
R_{YB}	173, 139, 110
Decimal	11371118
CIE Lab	58.01, 13.79, 17.26
CIE LCh	58, 22.093, 51.378
Yxy	25.9753, 0.3877, 0.3593
Android (android.graphics.Color)	4289561198 (0xFFAD826E)
YUV	140.5770, -15.0745, 28.4350
Hunter-Lab	50.9660, 8.9825, 14.4011

Details

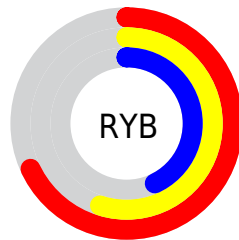
The XYZ color **28.0307, 25.9753, 18.2882** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3641, 29.1136, 43.8179**, and the grayscale version is **25.2008, 26.5132, 28.8729**.

A 20% lighter version of the original color is **56.0882, 53.2986, 41.5139**, and **11.4197, 10.1546, 5.9156** is the 20% darker color. If you saturate the color by 10%, you get **25.6979, 22.6727, 13.3085**, and if you desaturate by 10%, it is **30.7290, 29.7144, 24.2976**.

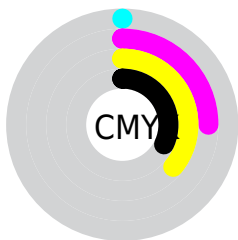
Distribution



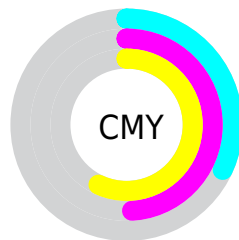
- Red (68%)
- Green (51%)
- Blue (43%)



- Red (68%)
- Yellow (55%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0307, 25.9753, 18.2882 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 28.0307, 25.9753, 18.2882 by changing the saturation by 10% instead.


 28.0307, 25.9753,
18.2882


 28.0307, 25.9753,
18.2882


284.6910,
282.6608, 254.7809


 18.4894, 16.8052,
10.9855


 55.9418, 53.2351,
41.3484


 11.4037, 10.0957,
5.9431


 75.0422, 72.0935,
57.9429

 6.4084, 5.4624,
2.7423


 98.0597, 94.9502,
78.4718

 3.1379, 2.5211,
0.9646

 125.3597,
122.1895, 103.3537

 1.2271, 0.8872,
0.0000

157.3074,
154.1958, 133.0070

 0.1276, 0.0000,
0.0000

194.2683,

 0.0000, 0.0000,

191.3536, 167.8502

0.0000

236.6077,
234.0471, 208.3021

■ 28.0307, 25.9753,
18.2882

■ 28.0307, 25.9753,
18.2882

■ 25.6979, 22.6727,
13.3085

■ 30.7290, 29.7144,
24.2976

■ 23.7118, 19.7865,
9.2982

■ 33.8064, 33.9017,
31.3890

■ 22.0547, 17.3004,
6.1934


■ 37.2784, 38.5533,
39.6131


■ 20.7066, 15.1954,
3.9213


■ 41.1587, 43.6831,
49.0170

■ 19.6447, 13.4508,
2.3981


■ 45.4606, 49.3046,
59.6448


 18.8399, 12.0426,
1.5095

 50.1966, 55.4307,
71.5388

 18.5965, 11.6101,
1.2608

 55.3787, 62.0736,
84.7389

 61.0186, 69.2453,
99.2833

 65.3559, 76.2489,
105.8806

Harmonies

Analogous

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



29.7797, 25.9753, 23.2588



28.0307, 25.9753, 18.2882



25.4657, 25.9753, 16.1031

Triad

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



28.0307, 25.9753, 18.2882



19.9567, 25.9753, 26.1372



26.6061, 25.9753, 44.2856

Complementary

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



28.0307, 25.9753, 18.2882



25.3641, 29.1136, 43.8179

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.



23.9278, 25.9753, 45.4345



28.0307, 25.9753, 18.2882



20.2138, 25.9753, 33.9825

Square

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



28.0307, 25.9753, 18.2882



20.8943, 25.9753, 20.0688



21.6236, 25.9753, 41.3820



28.9169, 25.9753, 38.4783

Rectangle

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



28.0307, 25.9753, 18.2882



23.6906, 25.9753, 16.1876



21.6236, 25.9753, 41.3820



25.7146, 25.9753, 45.2664

Sweetspot

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



28.0314, 25.9765, 18.2887



63.7040, 64.9626, 63.6512



28.5636, 22.3379, 32.9650



13.6695, 13.8835, 13.4193



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.0314, 25.9765, 18.2887



46.6683, 41.5279, 25.1812



32.8718, 35.6575, 19.9022



8.2051, 8.4150, 8.4052



13.7083, 8.6220, 0.9417



0.4313, 0.3398, 0.0428

Inverse Universe

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



25.3641, 29.1136, 43.8179



41.1445, 47.9754, 77.8974



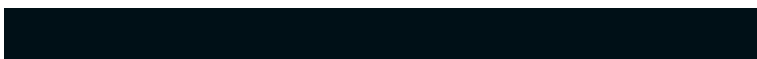
20.8779, 20.1412, 42.3225



8.0186, 8.6366, 10.1971



10.3597, 11.8533, 30.7864



0.3345, 0.4223, 0.8719

Previews

White Background



This preview shows how the XYZ color 28.0307, 25.9753, 18.2882 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 28.0307, 25.9753, 18.2882 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 28.0307, 25.9753, 18.2882

Background



This preview shows how black text looks on a background with the XYZ color 28.0307, 25.9753, 18.2882.



This preview shows how white text looks on a background with the XYZ color 28.0307, 25.9753,

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

28.0307, 25.9753, 18.2882

Protanopia

24.4826, 25.9760, 19.6431

Deuteranopia

26.3897, 25.9409, 18.0842



Tritanopia

29.8093, 25.9294, 26.7263

Trichromacy



Original Color

28.0307, 25.9753, 18.2882

Protanomaly

25.6894, 25.9687, 19.2813

Deuteranomaly

27.0842, 26.0947, 18.0773

Tritanomaly

29.0993, 25.8250, 23.5297

Monochromacy



Original Color

28.0307, 25.9753, 18.2882

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1118, 26.2753, 24.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0307, 25.9753, 18.2882 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(173, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 110)  
}
```

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(173, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 110) }
```

Border

The CSS property to change the border of an element to XYZ 28.0307, 25.9753, 18.2882 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(173, 130, 110) }
```


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

```
.border{ border-color:rgb(173, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0307, 25.9753, 18.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 110) }
```

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

```
.background{ background-color: rgb(173,  
130, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor