

Converting Colors

XYZ(27.7657, 25.6189, 16.1835)

Have a look what the booklet for
XYZ(27.7657, 25.6189, 16.1835)
contains.

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Color

**XYZ(27.7540, 25.6785,
16.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8167
RGB	174, 129, 103
RGB Percent	68%, 51%, 40%
CMY	0.3176, 0.4941, 0.5961
CMYK	0.00, 0.26, 0.41, 0.32
HSL	22°, 30%, 54%
HSV	22°, 41%, 68%
XYZ	27.7540, 25.6785, 16.3256
YIQ	139.4910, 35.1660, 1.4540

Conversions

Conversions Part 2

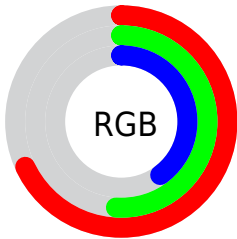
Format	Color
RYB	174, 144, 103
Decimal	11436391
CIELab	57.73, 13.91, 20.87
CIELCh	58, 25.082, 56.315
Yxy	25.6785, 0.3979, 0.3681
Android (android.graphics.Color)	4289626471 (0xFFAE8167)
YUV	139.4910, -17.9901, 30.2644
Hunter-Lab	50.6740, 9.0846, 16.3703

Details

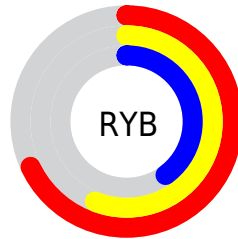
The XYZ color **27.7540, 25.6785, 16.3256** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.8229, 27.1182, 44.0231**, and the grayscale version is **24.7885, 26.0794, 28.4004**.

A 20% lighter version of the original color is **55.5157, 52.7779, 37.8330**, and **11.3282, 10.0159, 5.0776** is the 20% darker color. If you saturate the color by 10%, you get **25.5950, 22.6157, 11.7363**, and if you desaturate by 10%, it is **30.2528, 29.1300, 21.9253**.

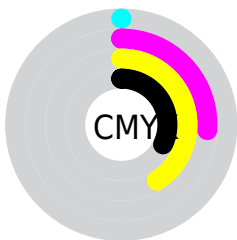
Distribution



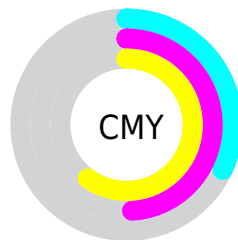
- Red (68%)
- Green (51%)
- Blue (40%)



- Red (68%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (41%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7540, 25.6785, 16.3256 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 27.7540, 25.6785, 16.3256 by changing the saturation by 10% instead.


 27.7540, 25.6785,
16.3256


 27.7540, 25.6785,
16.3256


283.3910,
281.2003, 243.1664


 18.2798, 16.5833,
9.5980


 55.5028, 52.7558,
37.9372

 11.2520, 9.9378,
5.0311


 74.5082, 71.5067,
53.6582

 6.3051, 5.3578,
2.2065


 97.4213, 94.2450,
73.2142

 3.0739, 2.4587,
0.6781

 124.6076,
121.3550, 97.0236

 1.1930, 0.8558,
0.0000

156.4323,
153.2211, 125.5050

 0.1008, 0.0000,
0.0000

193.2609,

 0.0000, 0.0000,

190.2278, 159.0769

0.0000

235.4587,
232.7594, 198.1578

■ 27.7540, 25.6785,
16.3256

■ 27.7540, 25.6785,
16.3256

■ 25.5950, 22.6157,
11.7363

■ 30.2528, 29.1300,
21.9253

■ 23.7576, 19.9235,
8.0945

■ 33.1047, 32.9801,
28.5903

■ 22.2246, 17.5877,
5.3324


■ 36.3243, 37.2430,
36.3731


■ 20.9760, 15.5914,
3.3724


■ 39.9251, 41.9310,
45.3223


■ 19.9891, 13.9162,
2.1228


■ 43.9196, 47.0558,
55.4837

 19.2736, 12.6349,
1.4229

 48.3198, 52.6287,
66.9005

 53.1372, 58.6605,
79.6139

 58.3828, 65.1617,
93.6631

 63.3175, 71.8426,
105.1376

Harmonies

Analogous

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



29.9616, 25.6785, 21.2459



27.7540, 25.6785, 16.3256



24.7799, 25.6785, 14.4824

Triad

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



27.7540, 25.6785, 16.3256



19.0821, 25.6785, 26.9093



27.0591, 25.6785, 45.5726

Complementary

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



27.7540, 25.6785, 16.3256



23.8229, 27.1182, 44.0231

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.



24.0371, 25.6785, 47.9405



27.7540, 25.6785, 16.3256



19.5846, 25.6785, 35.9566

Square

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



27.7540, 25.6785, 16.3256



19.9070, 25.6785, 19.7484



21.3399, 25.6785, 44.1153



29.5378, 25.6785, 38.1796

Rectangle

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



27.7540, 25.6785, 16.3256



22.8190, 25.6785, 14.8940



21.3399, 25.6785, 44.1153



26.0663, 25.6785, 47.0404

Sweetspot

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



27.7547, 25.6797, 16.3261



65.0252, 66.4202, 63.8629



27.7427, 20.8741, 31.0636



14.2823, 14.5383, 13.7790



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.



27.7547, 25.6797, 16.3261



46.7685, 41.5142, 21.9932



33.0632, 36.2968, 18.0956



8.2365, 8.4778, 8.4156



14.0317, 9.2690, 1.0495



0.4434, 0.3640, 0.0469

Inverse Universe

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



23.8229, 27.1182, 44.0231



38.6321, 44.4495, 79.1804



19.2116, 17.8956, 42.4860



7.9860, 8.5713, 10.1862



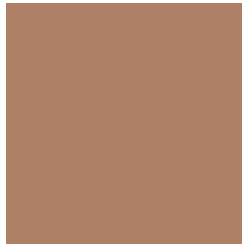
9.6649, 10.4636, 30.5548



0.3186, 0.3906, 0.8666

Previews

White Background



This preview shows how the XYZ color 27.7540, 25.6785, 16.3256 looks on a white background.

Color Contrast Check

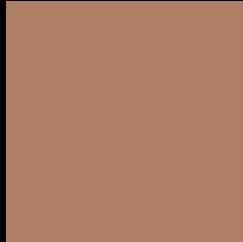
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7540, 25.6785, 16.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

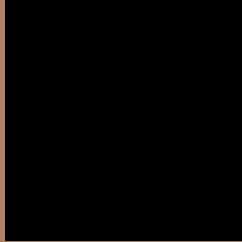
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7540, 25.6785, 16.3256

Background



This preview shows how black text looks on a background with the XYZ color 27.7540, 25.6785, 16.3256.



This preview shows how white text looks on a background with the XYZ color 27.7540, 25.6785,

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

27.7540, 25.6785, 16.3256

Protanopia

24.0992, 25.8227, 17.6240

Deuteranopia

26.0956, 25.6269, 16.1415



Tritanopia

29.7682, 25.7356, 25.9528

Trichromacy



Original Color

27.7540, 25.6785, 16.3256

Protanomaly

25.1701, 25.5367, 17.2381

Deuteranomaly

26.7980, 25.7867, 16.1353

Tritanomaly

28.9405, 25.5819, 22.1514

Monochromacy



Original Color

27.7540, 25.6785, 16.3256

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3788, 25.5097, 23.3249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7540, 25.6785, 16.3256 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(174, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(174, 129, 103)  
}
```

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(174, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 129, 103) }
```

Border

The CSS property to change the border of an element to XYZ 27.7540, 25.6785, 16.3256 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(174, 129, 103) }
```


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

```
.border{ border-color:rgb(174, 129, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 129, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(174, 129,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7540, 25.6785, 16.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 129, 103) }
```

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

```
.background{ background-color: rgb(174,  
129, 103) }
```

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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