

Converting Colors

XYZ(26.1938, 23.6049, 16.1493)

Have a look what the booklet for
XYZ(26.1938, 23.6049, 16.1493)
contains.

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Color

**XYZ(26.2528, 23.5765,
16.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7A68
RGB	171, 122, 104
RGB Percent	67%, 48%, 41%
CMY	0.3294, 0.5216, 0.5922
CMYK	0.00, 0.29, 0.39, 0.33
HSL	16°, 29%, 54%
HSV	16°, 39%, 67%
XYZ	26.2528, 23.5765, 16.2637
YIQ	134.5990, 34.9820, 4.7900

Conversions

Conversions Part 2

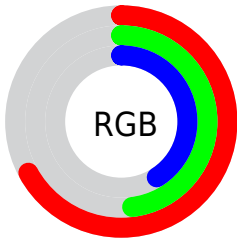
Format	Color
R_{YB}	171, 129, 104
Decimal	11237992
CIE _{Lab}	55.66, 16.74, 17.44
CIE _{LCh}	56, 24.171, 46.171
Yxy	23.5765, 0.3972, 0.3567
Android (android.graphics.Color)	4289428072 (0xFFAB7A68)
YUV	134.5990, -15.0853, 31.9237
Hunter-Lab	48.5556, 11.5380, 14.1298

Details

The XYZ color **26.2528, 23.5765, 16.2637** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4503, 28.6645, 42.7721**, and the grayscale version is **22.9262, 24.1201, 26.2668**.

A 20% lighter version of the original color is **53.2413, 49.5205, 37.7626**, and **10.4572, 8.8424, 5.0265** is the 20% darker color. If you saturate the color by 10%, you get **24.0329, 20.3886, 11.6643**, and if you desaturate by 10%, it is **28.8476, 27.2323, 21.8575**.

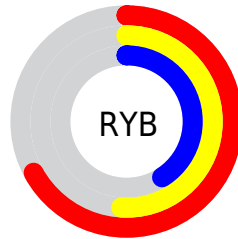
Distribution



Red (67%)

Green (48%)

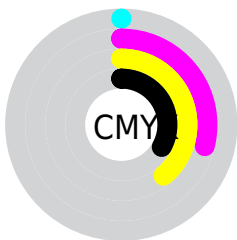
Blue (41%)



Red (67%)

Yellow (51%)

Blue (41%)

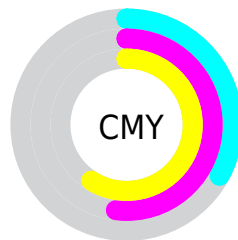


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2528, 23.5765, 16.2637 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 26.2528, 23.5765, 16.2637 by changing the saturation by 10% instead.

 26.2528, 23.5765,
16.2637


 26.2528, 23.5765,
16.2637


276.2549,
270.6724, 242.7914


 17.1465, 15.0198,
9.5546


 53.1109, 49.3382,
37.8285

 10.4350, 8.8333,
5.0029


 71.5934, 67.3120,
53.5213

 5.7528, 4.6326,
2.1902

 93.9321, 89.1936,
73.0458

 2.7346, 2.0333,
0.6687

 120.4922,
115.3674, 96.8204

 1.0150, 0.6267,
0.0000

151.6392,
146.2177, 125.2637

 0.0000, 0.0000,
0.0000

187.7384,

182.1291, 158.7943

229.1552,
223.4858, 197.8307

■ 26.2528, 23.5765,
16.2637

■ 26.2528, 23.5765,
16.2637

■ 24.0329, 20.3886,
11.6643

■ 28.8476, 27.2323,
21.8575

■ 22.1680, 17.6460,
7.9991

■ 31.8325, 31.3707,
28.4985

■ 20.6388, 15.3292,
5.2032

■ 35.2239, 36.0099,
36.2371

■ 19.4233, 13.4157,
3.2030

■ 39.0367, 41.1662,
45.1203

■ 18.4966, 11.8808,
1.9123

■ 43.2850, 46.8551,
55.1922

■ 17.8178, 10.6920,
1.1649

■ 47.9823, 53.0914,
66.4946

■ 17.7696, 10.6081,
1.1110

■ 53.1415, 59.8894,
79.0674

■ 58.7749, 67.2628,
92.9484

■ 64.4239, 75.0366,
105.6957

Harmonies

Analogous

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



27.8505, 23.5765, 21.6993



26.2528, 23.5765, 16.2637



23.6899, 23.5765, 13.6444

Triad

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



26.2528, 23.5765, 16.2637



17.6789, 23.5765, 22.2354



23.9060, 23.5765, 43.0300

Complementary

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



26.2528, 23.5765, 16.2637



24.4503, 28.6645, 42.7721

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.



21.1747, 23.5765, 43.2553



26.2528, 23.5765, 16.2637



17.7264, 23.5765, 30.0996

Square

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



26.2528, 23.5765, 16.2637



18.8239, 23.5765, 16.5870



18.9596, 23.5765, 38.1458



26.4221, 23.5765, 37.5816

Rectangle

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



26.2528, 23.5765, 16.2637



21.8480, 23.5765, 13.4164



18.9596, 23.5765, 38.1458



22.9790, 23.5765, 43.7519

Sweetspot

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



26.2534, 23.5776, 16.2642



61.1646, 61.8768, 60.4847



27.5058, 20.8630, 32.7721



13.4675, 13.5632, 13.0936



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.



26.2534, 23.5776, 16.2642



43.5407, 37.2385, 21.9020



31.0758, 33.2224, 17.8716



8.1738, 8.3525, 8.3947



13.4340, 8.0734, 0.8503



0.4191, 0.3154, 0.0388

Inverse Universe

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



24.4503, 28.6645, 42.7721



39.8332, 47.5965, 76.0895



19.7322, 19.2284, 41.1995



8.0515, 8.7025, 10.2081



11.1196, 13.3730, 31.0397



0.3513, 0.4559, 0.8775

Previews

White Background



This preview shows how the XYZ color 26.2528, 23.5765, 16.2637 looks on a white background.

Color Contrast Check

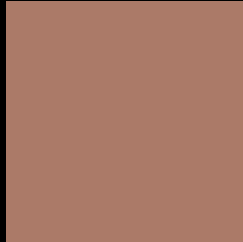
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2528, 23.5765, 16.2637 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 26.2528, 23.5765, 16.2637

Background



This preview shows how black text looks on a background with the XYZ color 26.2528, 23.5765, 16.2637.



This preview shows how white text looks on a background with the XYZ color 26.2528, 23.5765,

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

26.2528, 23.5765, 16.2637

Protanopia

22.1324, 23.5419, 17.8455

Deuteranopia

24.0720, 23.5857, 16.1157



Tritanopia

27.7267, 23.6364, 23.5230

Trichromacy



Original Color

26.2528, 23.5765, 16.2637

Protanomaly

23.4530, 23.4375, 17.1977

Deuteranomaly

24.8093, 23.5824, 16.0762

Tritanomaly

27.0595, 23.5355, 20.5694

Monochromacy



Original Color

26.2528, 23.5765, 16.2637

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8335, 23.7164, 22.3903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2528, 23.5765, 16.2637 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(171, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 104)  
}
```

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(171, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 26.2528, 23.5765, 16.2637 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(171, 122, 104) }
```


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

```
.border{ border-color:rgb(171, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2528, 23.5765, 16.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 104) }
```

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

```
.background{ background-color: rgb(171,  
122, 104) }
```

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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