

Converting Colors

XYZ(26.1006, 21.8127, 17.2300)

Have a look what the booklet for
XYZ(26.1006, 21.8127, 17.2300)
contains.

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Color

**XYZ(26.0100, 21.6911,
17.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	AE706D
RGB	174, 112, 109
RGB Percent	68%, 44%, 43%
CMY	0.3176, 0.5608, 0.5725
CMYK	0.00, 0.36, 0.37, 0.32
HSL	3°, 29%, 55%
HSV	3°, 37%, 68%
XYZ	26.0100, 21.6911, 17.2839
YIQ	130.1960, 37.9150, 12.2110

Conversions

Conversions Part 2

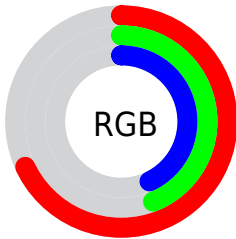
Format	Color
RYB	174, 112, 109
Decimal	11432045
CIELab	53.70, 24.20, 11.88
CIElCh	54, 26.954, 26.147
Yxy	21.6911, 0.4002, 0.3338
Android (android.graphics.Color)	4289622125 (0xFFAE706D)
YUV	130.1960, -10.4496, 38.4161
Hunter-Lab	46.5737, 18.1828, 10.5986

Details

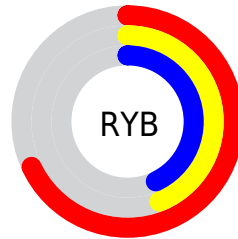
The XYZ color **26.0100, 21.6911, 17.2839** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5089, 35.4316, 45.3807**, and the grayscale version is **21.3144, 22.4244, 24.4202**.

A 20% lighter version of the original color is **52.5756, 46.0779, 39.3806**, and **10.2548, 7.8248, 5.5273** is the 20% darker color. If you saturate the color by 10%, you get **23.4990, 18.0226, 12.2741**, and if you desaturate by 10%, it is **29.0451, 26.1108, 23.3836**.

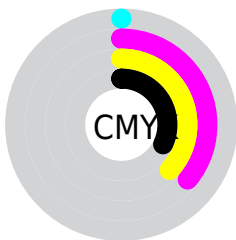
Distribution



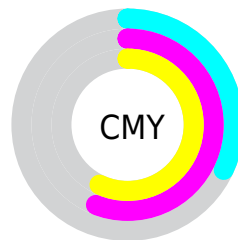
- Red (68%)
- Green (44%)
- Blue (43%)



- Red (68%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (32%)





- Cyan (32%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0100, 21.6911, 17.2839 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 26.0100, 21.6911, 17.2839 by changing the saturation by 10% instead.


 26.0100, 21.6911,
17.2839


 26.0100, 21.6911,
17.2839


275.0870,
260.9289, 248.9022


 16.9638, 13.6301,
10.2730


 52.7223, 46.2349,
39.6106


 10.3039, 7.8638,
5.4724


 71.1191, 63.4865,
55.7634

 5.6647, 4.0080,
2.4635


 93.3635, 84.5705,
75.8007

 2.6810, 1.6780,
0.8207

 119.8209,
109.8711, 100.1410

 0.9874, 0.4094,
0.0000

150.8565,
139.7729, 129.2027

 0.0000, 0.0000,
0.0000

186.8359,

174.6602, 163.4045

228.1242,
214.9174, 203.1648

■ 26.0100, 21.6911,
17.2839

■ 26.0100, 21.6911,
17.2839

■ 23.4990, 18.0226,
12.2741

■ 29.0451, 26.1108,
23.3836

■ 21.4808, 15.0608,
8.2890

■ 32.6298, 31.3170,
30.6308

■ 19.9235, 12.7610,
5.2579


■ 36.7900, 37.3465,
39.0807


■ 18.7907, 11.0723,
3.1013


■ 41.5496, 44.2327,
48.7843


■ 18.0403, 9.9366,
1.7262


■ 46.9309, 52.0073,
59.7899


 17.6175, 9.2822,
0.9952

 52.9553, 60.7003,
72.1431

 17.5428, 9.1732,
0.8460

 59.6430, 70.3405,
85.8874

 67.0133, 80.9552,
101.0642

 71.2655, 87.7387,
107.7869

Harmonies

Analogous

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



26.6638, 21.6911, 24.7020



26.0100, 21.6911, 17.2839



23.8650, 21.6911, 12.7255

Triad

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



26.0100, 21.6911, 17.2839



16.3431, 21.6911, 15.8250



20.2461, 21.6911, 43.2877

Complementary

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



26.0100, 21.6911, 17.2839



28.5089, 35.4316, 45.3807

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.



17.6774, 21.6911, 39.4273



26.0100, 21.6911, 17.2839



15.5609, 21.6911, 22.5661

Square

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



26.0100, 21.6911, 17.2839



18.2667, 21.6911, 12.0315



16.0259, 21.6911, 31.3364



23.1601, 21.6911, 40.9492

Rectangle

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



26.0100, 21.6911, 17.2839



21.9741, 21.6911, 11.3041



16.0259, 21.6911, 31.3364



19.3164, 21.6911, 42.6524

Sweetspot

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



26.0106, 21.6922, 17.2843



63.7106, 63.3640, 64.7407



30.3546, 22.9083, 41.7677



13.9369, 13.7596, 13.9354



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.



26.0106, 21.6922, 17.2843



43.2750, 33.6426, 23.5555



30.1388, 29.9486, 18.6604



8.0338, 8.0725, 8.3481



12.7361, 6.6777, 0.6177



0.3637, 0.2046, 0.0203

Inverse Universe

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



28.5089, 35.4316, 45.3807



48.4723, 62.2549, 82.0985



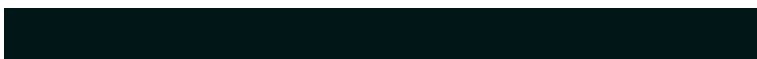
23.2278, 24.8693, 43.6203



8.2041, 9.0077, 10.2589



15.4386, 22.0111, 32.4794



0.4390, 0.6313, 0.9067

Previews

White Background



This preview shows how the XYZ color 26.0100, 21.6911, 17.2839 looks on a white background.

Color Contrast Check

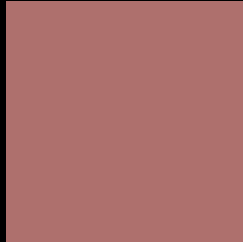
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0100, 21.6911, 17.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

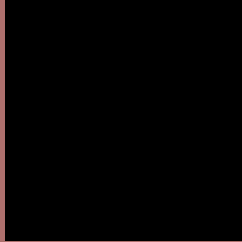
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0100, 21.6911, 17.2839

Background



This preview shows how black text looks on a background with the XYZ color 26.0100, 21.6911, 17.2839.



This preview shows how white text looks on a background with the XYZ color 26.0100, 21.6911,

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

26.0100, 21.6911, 17.2839

Protanopia

20.7616, 21.7910, 19.9415

Deuteranopia

22.2559, 21.8664, 16.9575



Tritanopia

26.6934, 21.8147, 20.2565

Trichromacy



Original Color

26.0100, 21.6911, 17.2839

Protanomaly

22.3912, 21.5235, 18.8939

Deuteranomaly

23.5238, 21.7848, 17.1524

Tritanomaly

26.4581, 21.7206, 19.0177

Monochromacy



Original Color

26.0100, 21.6911, 17.2839

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4499, 21.6821, 21.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0100, 21.6911, 17.2839 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, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(174, 112, 109)  
}
```

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, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 112, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.0100, 21.6911, 17.2839 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, 112, 109) }
```


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

```
.border{ border-color:rgb(174, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(174, 112,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0100, 21.6911, 17.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 112, 109) }
```

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

```
.background{ background-color: rgb(174,  
112, 109) }
```

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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