

Converting Colors

XYZ(26.4357, 23.2607, 18.4257)

Have a look what the booklet for
XYZ(26.4357, 23.2607, 18.4257)
contains.

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Color

**XYZ(26.4357, 23.2607,
18.4257)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB7870 |
| RGB | 171, 120, 112 |
| RGB Percent | 67%, 47%, 44% |
| CMY | 0.3294, 0.5294, 0.5608 |
| CMYK | 0.00, 0.30, 0.35, 0.33 |
| HSL | 8°, 26%, 55% |
| HSV | 8°, 35%, 67% |
| XYZ | 26.4357, 23.2607, 18.4257 |
| YIQ | 134.3370, 32.9640, 8.3240 |

Conversions

Conversions Part 2

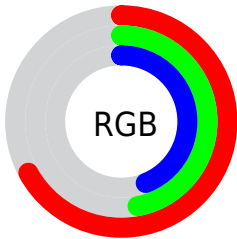
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 171, 121, 112 |
| Decimal | 11237488 |
| CIE _{Lab} | 55.34, 18.88, 12.38 |
| CIE _{LCh} | 55, 22.573, 33.246 |
| Yxy | 23.2607, 0.3881, 0.3415 |
| Android (android.graphics.Color) | 4289427568 (0xFFAB7870) |
| YUV | 134.3370, -11.0121, 32.1535 |
| Hunter-Lab | 48.2293, 13.4389, 11.1092 |

Details

The XYZ color **26.4357, 23.2607, 18.4257** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1296, 32.5784, 43.3866**, and the grayscale version is **22.8153, 24.0035, 26.1398**.

A 20% lighter version of the original color is **53.6393, 49.0615, 41.7647**, and **10.5148, 8.6585, 5.9676** is the 20% darker color. If you saturate the color by 10%, you get **23.9301, 19.6312, 13.3308**, and if you desaturate by 10%, it is **29.3978, 27.5135, 24.5653**.

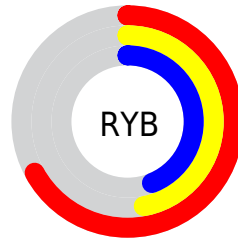
Distribution



Red (67%)

Green (47%)

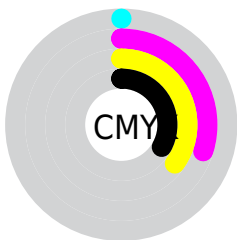
Blue (44%)



Red (67%)

Yellow (47%)

Blue (44%)

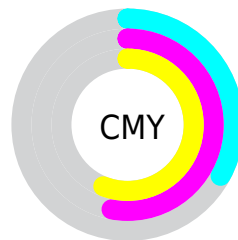


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4357, 23.2607, 18.4257 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 26.4357, 23.2607, 18.4257 by changing the saturation by 10% instead.


 26.4357, 23.2607,
18.4257


 26.4357, 23.2607,
18.4257


277.1320,
269.0612, 255.5759


 17.2843, 14.7861,
11.0835


 53.4033, 48.8210,
41.5851


 10.5339, 8.6694,
6.0081


 71.9502, 66.6756,
58.2393

 5.8193, 4.5262,
2.7811

 94.3596, 88.4256,
78.8346

 2.7752, 1.9720,
0.9840

 120.9969,
114.4555, 103.7894

 1.0360, 0.5912,
0.0000

152.2274,
145.1495, 133.5225

 0.0000, 0.0000,
0.0000

188.4166,

180.8923, 168.4522

229.9297,
222.0680, 208.9972

■ 26.4357, 23.2607,
18.4257

■ 26.4357, 23.2607,
18.4257

■ 23.9301, 19.6312,
13.3308

■ 29.3978, 27.5135,
24.5653

■ 21.8563, 16.5925,
9.2211

■ 32.8357, 32.4137,
31.8020

■ 20.1902, 14.1143,
6.0329

■ 36.7699, 37.9878,
40.1863


■ 18.9043, 12.1618,
3.6948


■ 41.2191, 44.2603,
49.7652


■ 17.9677, 10.6968,
2.1246


■ 46.2011, 51.2540,
60.5828


 17.3446, 9.6754,
1.2233

 51.7328, 58.9911,
72.6814

 17.1049, 9.2786,
0.8894

 57.8303, 67.4924,
86.1009

 64.5091, 76.7783,
100.8797

 69.9787, 86.1460,
107.5473

Harmonies

Analogous

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



27.3347, 23.2607, 24.5457



26.4357, 23.2607, 18.4257



24.3736, 23.2607, 14.8046

Triad

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



26.4357, 23.2607, 18.4257



18.0397, 23.2607, 19.5541



22.3854, 23.2607, 41.9554

Complementary

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



26.4357, 23.2607, 18.4257



27.1296, 32.5784, 43.3866

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.



19.9884, 23.2607, 39.9302



26.4357, 23.2607, 18.4257



17.5951, 23.2607, 26.1247

Square

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



26.4357, 23.2607, 18.4257



19.5453, 23.2607, 15.3634



18.2815, 23.2607, 33.7665



24.8867, 23.2607, 38.8703

Rectangle

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



26.4357, 23.2607, 18.4257



22.6862, 23.2607, 13.8499



18.2815, 23.2607, 33.7665



21.5409, 23.2607, 41.8513

Sweetspot

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



26.4363, 23.2618, 18.4262



61.7436, 62.2187, 63.1937



29.2118, 22.8957, 37.5928



13.5584, 13.5763, 13.6442



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.



26.4363, 23.2618, 18.4262



44.0247, 36.8558, 26.2277



30.5249, 31.4391, 19.7890



8.0896, 8.1841, 8.3667



12.9181, 7.0417, 0.6783



0.3860, 0.2492, 0.0277

Inverse Universe

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



27.1296, 32.5784, 43.3866



45.4341, 55.9348, 77.4037



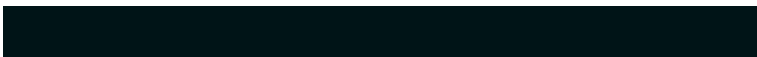
22.5075, 23.3343, 41.8459



8.1423, 8.8840, 10.2383



13.5295, 18.1928, 31.8430



0.4014, 0.5562, 0.8942

Previews

White Background



This preview shows how the XYZ color 26.4357, 23.2607, 18.4257 looks on a white background.

Color Contrast Check

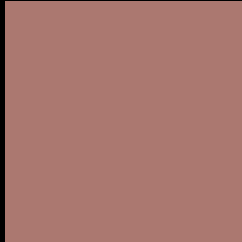
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4357, 23.2607, 18.4257 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 26.4357, 23.2607, 18.4257

Background



This preview shows how black text looks on a background with the XYZ color 26.4357, 23.2607, 18.4257.



This preview shows how white text looks on a background with the XYZ color 26.4357, 23.2607,

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

26.4357, 23.2607, 18.4257

Protanopia

22.1687, 23.2995, 20.4684

Deuteranopia

23.7253, 23.3583, 18.2971



Tritanopia

27.3225, 23.2598, 23.1282

Trichromacy



Original Color

26.4357, 23.2607, 18.4257

Protanomaly

23.6341, 23.2786, 19.7706

Deuteranomaly

24.7001, 23.2885, 18.2322

Tritanomaly

27.1229, 23.3694, 21.4936

Monochromacy



Original Color

26.4357, 23.2607, 18.4257

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6488, 23.4099, 23.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4357, 23.2607, 18.4257 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, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 112)  
}
```

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, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.4357, 23.2607, 18.4257 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, 120, 112) }
```


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

```
.border{ border-color:rgb(171, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4357, 23.2607, 18.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 112) }
```

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

```
.background{ background-color: rgb(171,  
120, 112) }
```

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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