

Converting Colors

XYZ(26.4464, 23.4585, 17.8859)

Have a look what the booklet for
XYZ(26.4464, 23.4585, 17.8859)
contains.

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Color

**XYZ(26.4464, 23.4585,
17.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	AB796E
RGB	171, 121, 110
RGB Percent	67%, 47%, 43%
CMY	0.3294, 0.5255, 0.5686
CMYK	0.00, 0.29, 0.36, 0.33
HSL	11°, 27%, 55%
HSV	11°, 36%, 67%
XYZ	26.4464, 23.4585, 17.8859
YIQ	134.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

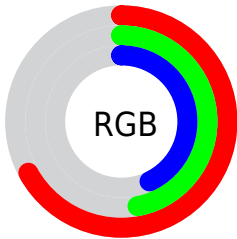
Format	Color
R _Y B	171, 123, 110
Decimal	11237742
CIE Lab	55.54, 18.05, 13.81
CIE LCh	56, 22.732, 37.422
Yxy	23.4585, 0.3901, 0.3460
Android (android.graphics.Color)	4289427822 (0xFFAB796E)
YUV	134.6960, -12.1751, 31.8386
Hunter-Lab	48.4340, 12.7069, 12.0089

Details

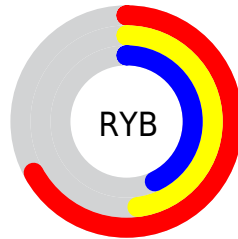
The XYZ color **26.4464, 23.4585, 17.8859** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3513, 31.3955, 43.1990**, and the grayscale version is **22.9521, 24.1474, 26.2965**.

A 20% lighter version of the original color is **53.6525, 49.3747, 40.8849**, and **10.5230, 8.7644, 5.6945** is the 20% darker color. If you saturate the color by 10%, you get **24.0225, 19.9597, 12.9194**, and if you desaturate by 10%, it is **29.2986, 27.5264, 23.8821**.

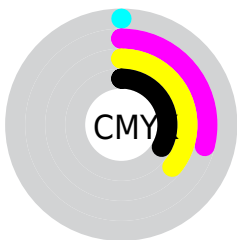
Distribution



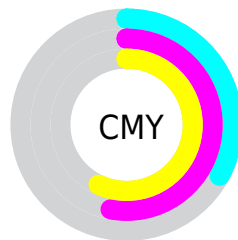
- Red (67%)
- Green (47%)
- Blue (43%)



- Red (67%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (33%)




- Cyan (33%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4464, 23.4585, 17.8859 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 26.4464, 23.4585, 17.8859 by changing the saturation by 10% instead.


 26.4464, 23.4585,
17.8859


 26.4464, 23.4585,
17.8859


277.1833,
270.0713, 252.4416


 17.2923, 14.9324,
10.6995

 53.4204, 49.1451,
40.6541


 10.5397, 8.7720,
5.7535


 71.9711, 67.0744,
57.0730

 5.8232, 4.5927,
2.6294


 94.3846, 88.9069,
77.4065

 2.7775, 2.0104,
0.9076

 121.0264,
115.0270, 102.0731

 1.0372, 0.6135,
0.0000

152.2618,
145.8191, 131.4914

 0.0000, 0.0000,
0.0000

188.4562,

181.6676, 166.0799

229.9749,
222.9568, 206.2571

■ 26.4464, 23.4585,
17.8859

■ 26.4464, 23.4585,
17.8859

■ 24.0225, 19.9597,
12.9194

■ 29.2986, 27.5264,
23.8821

■ 22.0042, 17.0011,
8.9231

■ 32.5970, 32.1837,
30.9602

■ 20.3692, 14.5566,
5.8333


■ 36.3603, 37.4541,
39.1704


■ 19.0924, 12.5964,
3.5783


■ 40.6059, 43.3586,
48.5597


■ 18.1454, 11.0874,
2.0754


■ 45.3501, 49.9176,
59.1720


 17.4940, 9.9919,
1.2191

 50.6085, 57.1504,
71.0492

 17.2805, 9.6299,
0.9480

 56.3960, 65.0754,
84.2312

 62.7271, 73.7105,
98.7560

 68.1487, 82.4862,
106.9374

Harmonies

Analogous

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



27.5524, 23.4585, 23.7612



26.4464, 23.4585, 17.8859



24.2439, 23.4585, 14.5958

Triad

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



26.4464, 23.4585, 17.8859



18.0464, 23.4585, 20.4950



22.9397, 23.4585, 42.2609

Complementary

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



26.4464, 23.4585, 17.8859



26.3513, 31.3955, 43.1990

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.



20.4565, 23.4585, 40.9267



26.4464, 23.4585, 17.8859



17.7557, 23.4585, 27.4103

Square

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



26.4464, 23.4585, 17.8859



19.4324, 23.4585, 15.8884



18.6053, 23.4585, 35.1209



25.4293, 23.4585, 38.4792

Rectangle

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



26.4464, 23.4585, 17.8859



22.5191, 23.4585, 13.8727



18.6053, 23.4585, 35.1209



22.0756, 23.4585, 42.4066

Sweetspot

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



26.4470, 23.4596, 17.8864



61.2926, 61.7278, 61.7761



28.7889, 22.3773, 36.4431



13.4747, 13.4939, 13.3543



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.



26.4470, 23.4596, 17.8864



43.7959, 36.8687, 24.7009



30.6221, 31.8098, 19.2781



8.1178, 8.2404, 8.3761



13.0558, 7.3171, 0.7242



0.3971, 0.2714, 0.0315

Inverse Universe

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



26.3513, 31.3955, 43.1990



43.5817, 53.2273, 76.9788



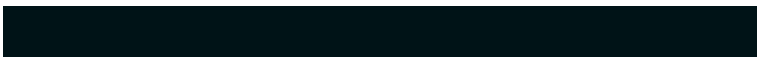
21.8083, 22.3096, 41.6847



8.1116, 8.8226, 10.2281



12.6628, 16.4594, 31.5541



0.3838, 0.5210, 0.8883

Previews

White Background



This preview shows how the XYZ color 26.4464, 23.4585, 17.8859 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 26.4464, 23.4585, 17.8859 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 26.4464, 23.4585, 17.8859

Background



This preview shows how black text looks on a background with the XYZ color 26.4464, 23.4585, 17.8859.



This preview shows how white text looks on a background with the XYZ color 26.4464, 23.4585,

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

26.4464, 23.4585, 17.8859

Protanopia

22.3551, 23.6115, 19.9022

Deuteranopia

23.9971, 23.5110, 17.7413



Tritanopia

27.5428, 23.3734, 23.1385

Trichromacy



Original Color

26.4464, 23.4585, 17.8859

Protanomaly

23.6500, 23.4947, 19.2080

Deuteranomaly

24.7919, 23.3484, 17.6680

Tritanomaly

27.0613, 23.3448, 21.1689

Monochromacy



Original Color

26.4464, 23.4585, 17.8859

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.9613, 23.7675, 23.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4464, 23.4585, 17.8859 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, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(171, 121, 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(171, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 121, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.4464, 23.4585, 17.8859 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, 121, 110) }
```


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

```
.border{ border-color:rgb(171, 121, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 121, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(171, 121,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4464, 23.4585, 17.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 121, 110) }
```

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

```
.background{ background-color: rgb(171,  
121, 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](#).

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