

Converting Colors

XYZ(26.8949, 24.0024, 13.8434)

Have a look what the booklet for
XYZ(26.8949, 24.0024, 13.8434)
contains.

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Color

**XYZ(26.8844, 23.9573,
13.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	B07A5E
RGB	176, 122, 94
RGB Percent	69%, 48%, 37%
CMY	0.3098, 0.5216, 0.6314
CMYK	0.00, 0.31, 0.47, 0.31
HSL	20°, 34%, 53%
HSV	20°, 47%, 69%
XYZ	26.8844, 23.9573, 13.7969
YIQ	134.9540, 41.1720, 2.7400

Conversions

Conversions Part 2

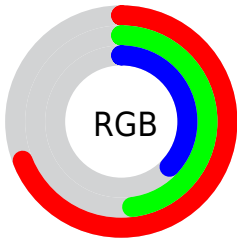
Format	Color
RYB	176, 137, 94
Decimal	11565662
CIELab	56.05, 17.68, 23.76
CIELCh	56, 29.614, 53.355
Yxy	23.9573, 0.4159, 0.3706
Android (android.graphics.Color)	4289755742 (0xFFB07A5E)
YUV	134.9540, -20.1903, 35.9973
Hunter-Lab	48.9462, 12.3878, 17.5497

Details

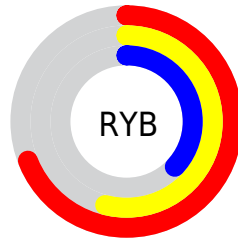
The XYZ color **26.8844, 23.9573, 13.7969** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.0420, 26.6929, 45.0120**, and the grayscale version is **23.0744, 24.2761, 26.4366**.

A 20% lighter version of the original color is **54.3725, 50.1967, 33.6113**, and **10.7808, 9.0353, 3.8651** is the 20% darker color. If you saturate the color by 10%, you get **24.8438, 20.9992, 9.6546**, and if you desaturate by 10%, it is **29.2760, 27.3293, 18.9451**.

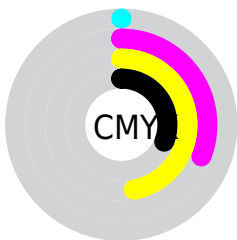
Distribution



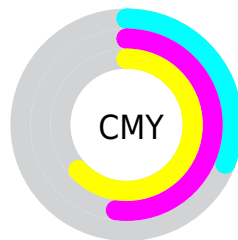
- Red (69%)
- Green (48%)
- Blue (37%)



- Red (69%)
- Yellow (54%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (31%)




- Cyan (31%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8844, 23.9573, 13.7969 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 26.8844, 23.9573, 13.7969 by changing the saturation by 10% instead.

 26.8844, 23.9573,
13.7969


 26.8844, 23.9573,
13.7969


279.2747,
272.6045, 227.3480


 17.6226, 15.3019,
7.8424


 54.1195, 49.9605,
33.4401


 10.7774, 9.0316,
3.9079


 72.8235, 68.0772,
47.9660

 5.9835, 4.7618,
1.5750


 95.4056, 90.1164,
66.1860

 2.8756, 2.1082,
0.2729

 122.2311,
116.4625, 88.5188

 1.0883, 0.6692,
0.0000

153.6654,
147.5000, 115.3828

 0.0153, 0.0000,
0.0000

190.0739,

 0.0000, 0.0000,

183.6133, 147.1967

0.0000

231.8219,
225.1866, 184.3789

■ 26.8844, 23.9573,
13.7969

■ 26.8844, 23.9573,
13.7969

■ 24.8438, 20.9992,
9.6546

■ 29.2760, 27.3293,
18.9451

■ 23.1341, 18.4345,
6.4496

■ 32.0337, 31.1273,
25.1588

■ 21.7356, 16.2463,
4.1065


■ 35.1739, 35.3675,
32.4947


■ 20.6254, 14.4148,
2.5378


■ 38.7112, 40.0641,
41.0050


■ 19.7740, 12.9166,
1.6233


■ 42.6595, 45.2305,
50.7384

 19.5259, 12.4729,
1.3784

 47.0322, 50.8795,
61.7412

 51.8417, 57.0237,
74.0571

 57.1002, 63.6749,
87.7275

 62.8192, 70.8447,
102.7924

Harmonies

Analogous

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



29.2903, 23.9573, 19.3663



26.8844, 23.9573, 13.7969



23.5329, 23.9573, 11.5958

Triad

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



26.8844, 23.9573, 13.7969



16.8936, 23.9573, 23.9855



25.4521, 23.9573, 47.2362

Complementary

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



26.8844, 23.9573, 13.7969



23.0420, 26.6929, 45.0120

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.



22.0251, 23.9573, 49.3519



26.8844, 23.9573, 13.7969



17.2983, 23.9573, 34.2026

Square

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



26.8844, 23.9573, 13.7969



17.9335, 23.9573, 16.4593



19.0996, 23.9573, 44.1008



28.4077, 23.9573, 38.8806

Rectangle

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



26.8844, 23.9573, 13.7969



21.2989, 23.9573, 11.8181



19.0996, 23.9573, 44.1008



24.3088, 23.9573, 48.7741

Sweetspot

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



26.8850, 23.9585, 13.7974



65.2329, 66.0677, 62.3601



27.3055, 19.3950, 30.5990



13.8560, 13.9425, 12.8452



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.



26.8850, 23.9585, 13.7974



44.9266, 37.8910, 17.2526



32.9040, 35.9965, 15.8037



8.7257, 8.9640, 8.9229



14.3761, 9.2508, 1.0279



0.5079, 0.4021, 0.0509

Inverse Universe

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



23.0420, 26.6929, 45.0120



37.0540, 43.4039, 80.9201



17.7802, 16.1694, 43.2581



8.4934, 9.1330, 10.8215



10.3791, 11.5585, 31.8210



0.3781, 0.4668, 1.0184

Previews

White Background



This preview shows how the XYZ color 26.8844, 23.9573, 13.7969 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 26.8844, 23.9573, 13.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

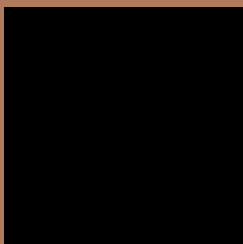
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8844, 23.9573, 13.7969

Background



This preview shows how black text looks on a background with the XYZ color 26.8844, 23.9573, 13.7969.



This preview shows how white text looks on a background with the XYZ color 26.8844, 23.9573,

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

26.8844, 23.9573, 13.7969

Protanopia

22.5932, 24.2485, 15.2940

Deuteranopia

24.5240, 24.0679, 13.7089



Tritanopia

28.8996, 24.0729, 23.2020

Trichromacy



Original Color

26.8844, 23.9573, 13.7969

Protanomaly

23.8506, 23.8963, 14.6646

Deuteranomaly

25.1625, 23.8190, 13.6272

Tritanomaly

28.0514, 23.8964, 19.3537

Monochromacy



Original Color

26.8844, 23.9573, 13.7969

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.9505, 23.8054, 21.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8844, 23.9573, 13.7969 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(176, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(176, 122, 94)  
}
```

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(176, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 122, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.8844, 23.9573, 13.7969 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(176, 122, 94) }
```


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

```
.border{ border-color:rgb(176, 122, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 122, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(176, 122,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8844, 23.9573, 13.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 122, 94) }
```

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

```
.background{ background-color: rgb(176,  
122, 94) }
```

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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