

Converting Colors

XYZ(28.9869, 33.3973, 26.0377)

Have a look what the booklet for
XYZ(28.9869, 33.3973, 26.0377)
contains.

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Color

**XYZ(28.9869, 33.3973,
26.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	94A182
RGB	148, 161, 130
RGB Percent	58%, 63%, 51%
CMY	0.4196, 0.3686, 0.4902
CMYK	0.08, 0.00, 0.19, 0.37
HSL	85°, 14%, 57%
HSV	85°, 19%, 63%
XYZ	28.9869, 33.3973, 26.0377
YIQ	153.5790, 2.2030, -12.3970

Conversions

Conversions Part 2

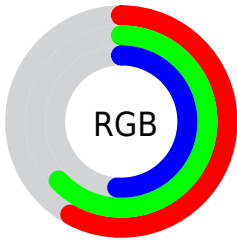
Format	Color
RYB	130, 161, 143
Decimal	9740674
CIELab	64.48, -10.35, 14.62
CIELCh	64, 17.911, 125.283
Yxy	33.3973, 0.3278, 0.3777
Android (android.graphics.Color)	4287930754 (0xFF94A182)
YUV	153.5790, -11.6244, -4.8928
Hunter-Lab	57.7904, -11.6000, 13.7399

Details

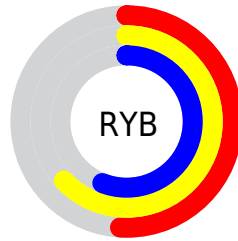
The XYZ color **28.9869, 33.3973, 26.0377** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7446, 24.3790, 37.0687**, and the grayscale version is **30.5801, 32.1726, 35.0360**.

A 20% lighter version of the original color is **57.4602, 65.0872, 54.3344**, and **11.8836, 14.0727, 9.8746** is the 20% darker color. If you saturate the color by 10%, you get **26.8039, 32.3882, 20.7289**, and if you desaturate by 10%, it is **31.4121, 34.5137, 32.2419**.

Distribution



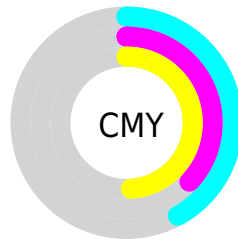
- Red (58%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9869, 33.3973, 26.0377 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 28.9869, 33.3973, 26.0377 by changing the saturation by 10% instead.

■ 28.9869, 33.3973,
26.0377

■ 28.9869, 33.3973,
26.0377

289.1485,
317.4362, 296.5785

■ 19.2151, 22.4310,
16.6258

■ 57.4540, 64.9953,
54.3206

■ 11.9308, 14.1739,
9.8089

■ 76.8800, 86.3958,
74.0287

■ 6.7684, 8.2417,
5.1685

■ 100.2548,
112.0431, 98.0059

■ 3.3627, 4.2500,
2.2860

127.9438,
142.3217, 126.6709

■ 1.3484, 1.8144,
0.7234

160.3123,
177.6159, 160.4421

■ 0.2190, 0.4961,
0.0000

197.7257,

■ 0.0000, 0.0000,

218.3101, 199.7380

0.0000

240.5493,
264.7887, 244.9773

■ 28.9869, 33.3973,
26.0377

■ 28.9869, 33.3973,
26.0377

■ 26.8039, 32.3882,
20.7289

■ 31.4121, 34.5137,
32.2419

■ 24.8514, 31.4782,
16.2721

■ 34.0853, 35.7366,
39.3781

■ 23.1205, 30.6649,
12.6233

■ 37.0155, 37.0709,
47.4834

■ 21.6009, 29.9439,
9.7339

■ 40.2103, 38.5195,
56.5923

■ 20.2808, 29.3104,
7.5499

■ 43.6771, 40.0857,
66.7374

■ 19.1475, 28.7590,
6.0102

■ 47.4227, 41.7724,
77.9501

■ 18.1859, 28.2837,
5.0435

■ 51.4541, 43.5823,
90.2602

■ 17.3660, 27.8722,
4.4990

■ 55.1588, 45.2708,
100.4387

■ 17.3081, 27.8431,
4.4620

■ 57.0266, 46.2336,
100.5261

Harmonies

Analogous

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



31.2925, 33.3973, 24.0672



28.9869, 33.3973, 26.0377



27.4829, 33.3973, 30.7880

Triad

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



28.9869, 33.3973, 26.0377



29.7313, 33.3973, 50.7140



36.8952, 33.3973, 35.0827

Complementary

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



28.9869, 33.3973, 26.0377



25.7446, 24.3790, 37.0687

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.



36.4223, 33.3973, 42.5755



28.9869, 33.3973, 26.0377



32.1980, 33.3973, 52.2653

Square

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



28.9869, 33.3973, 26.0377



27.8962, 33.3973, 45.1193



34.6688, 33.3973, 49.1127



35.9284, 33.3973, 28.8216

Rectangle

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



28.9869, 33.3973, 26.0377



27.0907, 33.3973, 35.2183



34.6688, 33.3973, 49.1127



36.8999, 33.3973, 37.5343

Sweetspot

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



28.9878, 33.3988, 26.0384



57.7095, 62.4753, 61.5731



28.5384, 28.8098, 25.1764



12.5951, 13.6736, 13.3414



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9878, 33.3988, 26.0384



50.2273, 59.0332, 42.4687



26.3824, 32.0556, 25.9165



7.3609, 8.0885, 7.5534



13.8699, 22.2607, 3.5657



0.3436, 0.4946, 0.0774

Inverse Universe

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



25.7446, 24.3790, 37.0687



43.3649, 39.9459, 65.8113



28.5995, 25.8508, 37.2023



6.9688, 6.9983, 8.8866



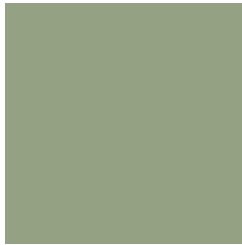
7.0600, 3.0460, 27.1456



0.2017, 0.0915, 0.5729

Previews

White Background



This preview shows how the XYZ color 28.9869, 33.3973, 26.0377 looks on a white background.

Color Contrast Check

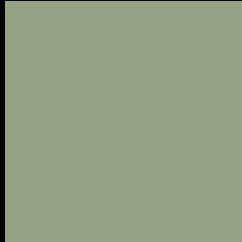
Large Text (above 18pt) WCAG AA × Fail

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 28.9869, 33.3973, 26.0377 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 ✓ Pass

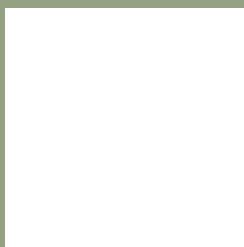
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9869, 33.3973, 26.0377

Background



This preview shows how black text looks on a background with the XYZ color 28.9869, 33.3973, 26.0377.



This preview shows how white text looks on a background with the XYZ color 28.9869, 33.3973,

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

28.9869, 33.3973, 26.0377

Protanopia

31.3018, 33.3348, 25.2065

Deuteranopia

33.8936, 33.1819, 26.4482



Tritanopia

32.2828, 33.4741, 41.8055

Trichromacy



Original Color

28.9869, 33.3973, 26.0377

Protanomaly

30.4874, 33.4096, 25.6107

Deuteranomaly

31.8008, 33.0747, 26.1807

Tritanomaly

31.0085, 33.4622, 35.3964

Monochromacy



Original Color

28.9869, 33.3973, 26.0377

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1167, 32.8337, 31.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9869, 33.3973, 26.0377 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(148, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 130)  
}
```

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(148, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9869, 33.3973, 26.0377 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(148, 161, 130) }
```


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

```
.border{ border-color:rgb(148, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9869, 33.3973, 26.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 130) }
```

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

```
.background{ background-color: rgb(148,  
161, 130) }
```

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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