

Converting Colors

XYZ(28.6967, 29.9825, 26.8292)

Have a look what the booklet for
XYZ(28.6967, 29.9825, 26.8292)
contains.

XYZ(28.7976, 30.0691, 26.8404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.7976, 30.0691,
26.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9486
RGB	157, 148, 134
RGB Percent	62%, 58%, 53%
CMY	0.3843, 0.4196, 0.4745
CMYK	0.00, 0.06, 0.15, 0.38
HSL	37°, 11%, 57%
HSV	37°, 15%, 62%
XYZ	28.7976, 30.0691, 26.8404
YIQ	149.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

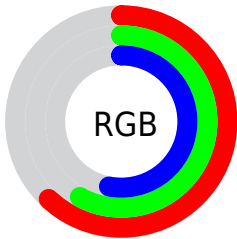
Format	Color
RYB	149, 157, 134
Decimal	10327174
CIELab	61.71, 0.85, 8.59
CIELCh	62, 8.629, 84.354
Yxy	30.0691, 0.3360, 0.3508
Android (android.graphics.Color)	4288517254 (0xFF9D9486)
YUV	149.0950, -7.4418, 6.9327
Hunter-Lab	54.8353, -2.2198, 9.3639

Details

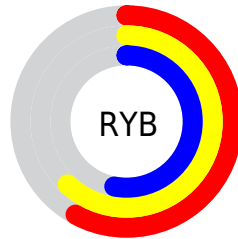
The XYZ color **28.7976, 30.0691, 26.8404** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7397, 27.1471, 35.7819**, and the grayscale version is **28.6351, 30.1264, 32.8076**.

A 20% lighter version of the original color is **57.2415, 59.8260, 55.5443**, and **11.8188, 12.2537, 10.1298** is the 20% darker color. If you saturate the color by 10%, you get **26.8452, 27.7884, 21.1823**, and if you desaturate by 10%, it is **30.9653, 32.5198, 33.3731**.

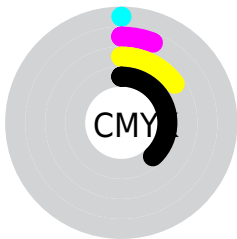
Distribution



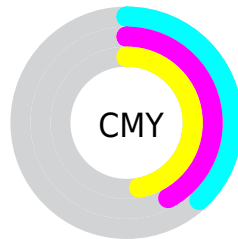
- Red (62%)
- Green (58%)
- Blue (53%)



- Red (58%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7976, 30.0691, 26.8404 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 28.7976, 30.0691, 26.8404 by changing the saturation by 10% instead.

■ 28.7976, 30.0691,
26.8404

■ 28.7976, 30.0691,
26.8404

288.2702,
302.2264, 300.6192

■ 19.0713, 19.8910,
17.2220

■ 57.1551, 59.7714,
55.6283

■ 11.8261, 12.3159,
10.2293

■ 76.5171, 80.0645,
75.6348

■ 6.6967, 6.9592,
5.4437

■ 99.8216, 104.4980,
99.9412

■ 3.3178, 3.4366,
2.4466

127.4340,
133.4564, 128.9660

■ 1.3240, 1.3637,
0.8117

159.7198,
167.3241, 163.1276

■ 0.2011, 0.1897,
0.0000

197.0441,

■ 0.0000, 0.0000,

206.4853, 202.8446

0.0000

239.7725,
251.3247, 248.5357

■ 28.7976, 30.0691,
26.8404

■ 28.7976, 30.0691,
26.8404

■ 26.8452, 27.7884,
21.1823

■ 30.9653, 32.5198,
33.3731

■ 25.0978, 25.6692,
16.3591

■ 33.3535, 35.1406,
40.8140

■ 23.5478, 23.7082,
12.3307

■ 35.9699, 37.9369,
49.1974

■ 22.1859, 21.9005,
9.0530

■ 38.8213, 40.9127,
58.5550

■ 21.0023, 20.2406,
6.4776

■ 41.9141, 44.0716,
68.9171

■ 19.9857, 18.7227,
4.5503

■ 45.2545, 47.4171,
80.3129

■ 19.1236, 17.3404,
3.2088

■ 48.8485, 50.9529,
92.7700

■ 18.4005, 16.0860,
2.3763

■ 51.9518, 54.3823,
102.3664

■ 18.0499, 15.4585,
2.0325

■ 53.3762, 57.2311,
102.8412

Harmonies

Analogous

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



29.8863, 30.0691, 27.8644



28.7976, 30.0691, 26.8404



27.6787, 30.0691, 27.3093

Triad

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



28.7976, 30.0691, 26.8404



26.6146, 30.0691, 35.4184



30.4124, 30.0691, 36.5663

Complementary

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



28.7976, 30.0691, 26.8404



25.7397, 27.1471, 35.7819

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.



29.5003, 30.0691, 38.8471



28.7976, 30.0691, 26.8404



27.3119, 30.0691, 38.1539

Square

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



28.7976, 30.0691, 26.8404



26.4378, 30.0691, 32.1218



28.3631, 30.0691, 39.4467



30.8345, 30.0691, 33.3663

Rectangle

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



28.7976, 30.0691, 26.8404



27.0634, 30.0691, 28.4225



28.3631, 30.0691, 39.4467



30.1517, 30.0691, 37.4743

Sweetspot

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



28.7984, 30.0704, 26.8410



55.6894, 58.4994, 60.4855



27.4032, 26.2080, 29.6808



12.1901, 12.8013, 13.1132



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.7984, 30.0704, 26.8410



50.2375, 52.3072, 44.1436



29.8204, 32.7744, 27.3091



6.9521, 7.2843, 7.0253



14.6964, 12.6285, 1.6630



0.3030, 0.3063, 0.0432

Inverse Universe

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



25.7397, 27.1471, 35.7819



43.5498, 45.9159, 63.6941



24.8135, 24.7444, 35.3669



6.4869, 6.8396, 8.3850



6.3502, 4.7919, 26.4975



0.1533, 0.1653, 0.4870

Previews

White Background



This preview shows how the XYZ color 28.7976, 30.0691, 26.8404 looks on a white background.

Color Contrast Check

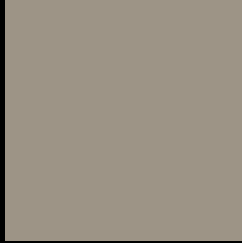
Large Text (above 18pt) WCAG AA × Fail

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 28.7976, 30.0691, 26.8404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

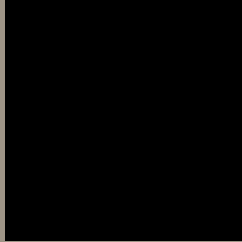
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7976, 30.0691, 26.8404

Background



This preview shows how black text looks on a background with the XYZ color 28.7976, 30.0691, 26.8404.



This preview shows how white text looks on a background with the XYZ color 28.7976, 30.0691,

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

28.7976, 30.0691, 26.8404

Protanopia

28.5681, 30.1847, 26.8748

Deuteranopia

30.7086, 30.1308, 27.1190



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

28.7976, 30.0691, 26.8404

Protanomaly

28.7608, 30.2840, 26.8838

Deuteranomaly

30.0156, 29.9994, 27.1301

Tritanomaly

29.9223, 30.0668, 32.2434

Monochromacy



Original Color

28.7976, 30.0691, 26.8404

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7304, 30.1839, 30.6974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7976, 30.0691, 26.8404 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(157, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 148, 134)  
}
```

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(157, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.7976, 30.0691, 26.8404 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(157, 148, 134) }
```


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

```
.border{ border-color:rgb(157, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7976, 30.0691, 26.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 134) }
```

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

```
.background{ background-color: rgb(157,  
148, 134) }
```

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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