

Converting Colors

XYZ(26.8786, 28.5555, 26.3633)

Have a look what the booklet for
XYZ(26.8786, 28.5555, 26.3633)
contains.

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Color

**XYZ(26.9069, 28.6408,
26.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	959285
RGB	149, 146, 133
RGB Percent	58%, 57%, 52%
CMY	0.4157, 0.4274, 0.4784
CMYK	0.00, 0.02, 0.11, 0.42
HSL	49°, 7%, 55%
HSV	49°, 11%, 58%
XYZ	26.9069, 28.6408, 26.3004
YIQ	145.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

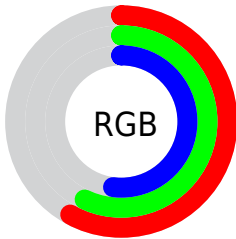
Format	Color
R_{YB}	137, 149, 133
Decimal	9802373
CIE _{Lab}	60.46, -1.28, 7.28
CIE _{LCh}	60, 7.389, 99.956
Yxy	28.6408, 0.3287, 0.3499
Android (android.graphics.Color)	4287992453 (0xFF959285)
YUV	145.4150, -6.1206, 3.1440
Hunter-Lab	53.5171, -3.9101, 8.3245

Details

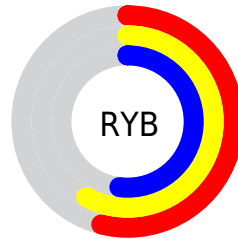
The XYZ color **26.9069, 28.6408, 26.3004** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9017, 24.7642, 31.9541**, and the grayscale version is **27.1056, 28.5172, 31.0553**.

A 20% lighter version of the original color is **54.1458, 57.5502, 54.7089**, and **10.8201, 11.6025, 10.0567** is the 20% darker color. If you saturate the color by 10%, you get **25.5250, 27.4091, 21.1162**, and if you desaturate by 10%, it is **28.4469, 29.9545, 32.2585**.

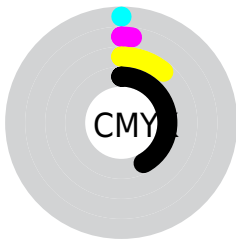
Distribution



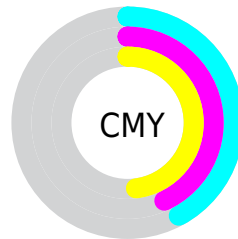
- Red (58%)
- Green (57%)
- Blue (52%)



- Red (54%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9069, 28.6408, 26.3004 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 26.9069, 28.6408, 26.3004 by changing the saturation by 10% instead.

■ 26.9069, 28.6408,
26.3004

■ 26.9069, 28.6408,
26.3004

279.3818,
295.5164, 297.9059

■ 17.6395, 18.8093,
16.8207

■ 54.1554, 57.5059,
54.7492

■ 10.7896, 11.5325,
9.9462

■ 72.8672, 77.3082,
74.5554

■ 5.9918, 6.4262,
5.2581

■ 95.4579, 101.2030,
98.6408

■ 2.8807, 3.1059,
2.3381

122.2928,
129.5745, 127.4241

■ 1.0910, 1.1873,
0.7525

153.7373,
162.8072, 161.3237

■ 0.0176, 0.0513,
0.0000

190.1568,

■ 0.0000, 0.0000,

201.2855, 200.7582

0.0000

231.9165,
245.3937, 246.1460

■ 26.9069, 28.6408,
26.3004

■ 26.9069, 28.6408,
26.3004

■ 25.5250, 27.4091,
21.1162

■ 28.4469, 29.9545,
32.2585

■ 24.2928, 26.2529,
16.6719

■ 30.1485, 31.3488,
39.0190

■ 23.2043, 25.1709,
12.9335

■ 32.0180, 32.8272,
46.6111

■ 22.2524, 24.1599,
9.8638

■ 34.0607, 34.3922,
55.0623

■ 21.4293, 23.2167,
7.4220

■ 36.2816, 36.0456,
64.3986

■ 20.7263, 22.3378,
5.5630

■ 38.6854, 37.7896,
74.6448

■ 20.1337, 21.5192,
4.2356

■ 41.2768, 39.6261,
85.8249

■ 19.6400, 20.7560,
3.3796

■ 44.0603, 41.5570,
97.9619

■ 19.2435, 20.0876,
2.8630

■ 45.0297, 42.7801,
100.4918

Harmonies

Analogous

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



27.8545, 28.6408, 26.5140



26.9069, 28.6408, 26.3004



26.0633, 28.6408, 27.3359

Triad

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



26.9069, 28.6408, 26.3004



25.8428, 28.6408, 34.6749



28.9786, 28.6408, 33.0168

Complementary

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



26.9069, 28.6408, 26.3004



23.9017, 24.7642, 31.9541

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.



28.4150, 28.6408, 35.3793



26.9069, 28.6408, 26.3004



26.5995, 28.6408, 36.3746

Square

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



26.9069, 28.6408, 26.3004



25.4585, 28.6408, 32.1003



27.5400, 28.6408, 36.6397



29.0656, 28.6408, 30.2872

Rectangle

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



26.9069, 28.6408, 26.3004



25.6679, 28.6408, 28.6328



27.5400, 28.6408, 36.6397



28.8380, 28.6408, 33.8845

Sweetspot

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



26.9077, 28.6421, 26.3010



50.2786, 53.0855, 55.1656



25.2404, 24.9483, 26.8527



11.0947, 11.7242, 12.0397



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.9077, 28.6421, 26.3010



47.5365, 50.7230, 44.6276



26.5179, 29.1358, 26.4169



6.1741, 6.5619, 6.1816



16.2161, 16.9466, 2.4163



0.2177, 0.2458, 0.0360

Inverse Universe

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



23.9017, 24.7642, 31.9541



40.9988, 42.2892, 56.9230



24.2608, 24.3316, 31.8517



5.5822, 5.7983, 7.2947



4.9305, 2.5557, 24.1645



0.0766, 0.0638, 0.3012

Previews

White Background



This preview shows how the XYZ color 26.9069, 28.6408, 26.3004 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 26.9069, 28.6408, 26.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

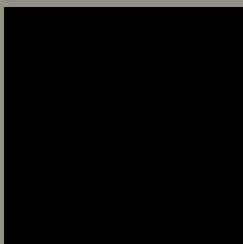
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

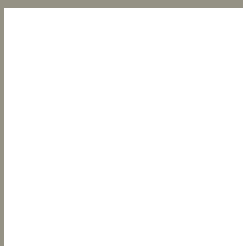
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9069, 28.6408, 26.3004

Background



This preview shows how black text looks on a background with the XYZ color 26.9069, 28.6408, 26.3004.



This preview shows how white text looks on a background with the XYZ color 26.9069, 28.6408,

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

26.9069, 28.6408, 26.3004

Protanopia

27.1215, 28.5236, 26.2664

Deuteranopia

29.1378, 28.6635, 26.5511



Tritanopia

28.6041, 28.6534, 34.5949

Trichromacy



Original Color

26.9069, 28.6408, 26.3004

Protanomaly

26.9367, 28.4283, 26.2578

Deuteranomaly

28.4236, 28.7371, 26.6030

Tritanomaly

27.9241, 28.6011, 31.2429

Monochromacy



Original Color

26.9069, 28.6408, 26.3004

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7872, 28.2849, 29.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9069, 28.6408, 26.3004 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(149, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 146, 133)  
}
```

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(149, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 146, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.9069, 28.6408, 26.3004 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(149, 146, 133) }
```


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

```
.border{ border-color:rgb(149, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 146,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9069, 28.6408, 26.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 146, 133) }
```

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

```
.background{ background-color: rgb(149,  
146, 133) }
```

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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