

Converting Colors

XYZ(29.8389, 26.8835, 26.8290)

Have a look what the booklet for
XYZ(29.8389, 26.8835, 26.8290)
contains.

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Color

**XYZ(29.7938, 26.8944,
26.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8388
RGB	173, 131, 136
RGB Percent	68%, 51%, 53%
CMY	0.3216, 0.4863, 0.4667
CMYK	0.00, 0.24, 0.21, 0.32
HSL	353°, 20%, 60%
HSV	353°, 24%, 68%
XYZ	29.7938, 26.8944, 26.9134
YIQ	144.1280, 23.4270, 10.4590

Conversions

Conversions Part 2

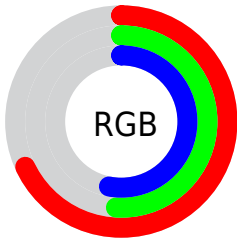
Format	Color
R_{YB}	173, 131, 136
Decimal	11371400
CIE _{Lab}	58.88, 16.91, 3.58
CIE _{LCh}	59, 17.282, 11.959
Yxy	26.8944, 0.3564, 0.3217
Android (android.graphics.Color)	4289561480 (0xFFAD8388)
YUV	144.1280, -4.0071, 25.3207
Hunter-Lab	51.8598, 11.7947, 5.5325

Details

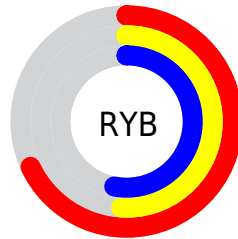
The XYZ color **29.7938, 26.8944, 26.9134** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3726, 37.5402, 42.6401**, and the grayscale version is **26.5704, 27.9542, 30.4421**.

A 20% lighter version of the original color is **58.6389, 54.6131, 55.5949**, and **12.3679, 10.5498, 10.1886** is the 20% darker color. If you saturate the color by 10%, you get **26.6541, 22.2269, 20.8973**, and if you desaturate by 10%, it is **33.4770, 32.4020, 33.8714**.

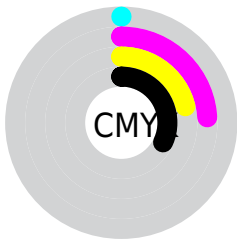
Distribution



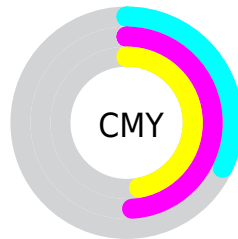
- Red (68%)
- Green (51%)
- Blue (53%)



- Red (68%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7938, 26.8944, 26.9134 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 29.7938, 26.8944, 26.9134 by changing the saturation by 10% instead.


 29.7938, 26.8944,
26.9134


 29.7938, 26.8944,
26.9134


292.8692,
287.1455, 300.9845

 19.8294, 17.4939,
17.2763


 58.7248, 54.7144,
55.7469

 12.3787, 10.5873,
10.2677


 78.4221, 73.9027,
75.7805

 7.0761, 5.7900,
5.4689


 102.0945, 97.1223,
100.1165

 3.5565, 2.7178,
2.4614

130.1073,
124.7578, 129.1738

 1.4544, 0.9863,
0.8196

162.8257,
157.1935, 163.3706

 0.2945, 0.0000,
0.0000

200.6153,

 0.0000, 0.0000,

194.8137, 203.1257

0.0000

243.8414,
238.0029, 248.8574

■ 29.7938, 26.8944,
26.9134

■ 29.7938, 26.8944,
26.9134

■ 26.6541, 22.2269,
20.8973

■ 33.4770, 32.4020,
33.8714

■ 24.0300, 18.3546,
15.7808

■ 37.7255, 38.7841,
41.8075

■ 21.8944, 15.2342,
11.5211

■ 42.5626, 46.0779,
50.7583

■ 20.2168, 12.8167,
8.0711

■ 48.0097, 54.3173,
60.7579

■ 18.9634, 11.0475,
5.3792

■ 54.0869, 63.5345,
71.8387

■ 18.0953, 9.8636,
3.3877

■ 60.8135, 73.7601,
84.0318

■ 17.5668, 9.1895,
2.0304

■ 68.2082, 85.0233,
97.3672

■ 17.3652, 8.9369,
1.4991

■ 71.0437, 87.6243,
107.7765

Harmonies

Analogous

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



29.6691, 26.8944, 33.0787



29.7938, 26.8944, 26.9134



28.7392, 26.8944, 22.1030

Triad

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



29.7938, 26.8944, 26.9134



22.9138, 26.8944, 21.3797



24.3115, 26.8944, 41.9497

Complementary

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



29.7938, 26.8944, 26.9134



31.3726, 37.5402, 42.6401

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.



22.6286, 26.8944, 37.8714



29.7938, 26.8944, 26.9134



21.8532, 26.8944, 25.7902

Square

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



29.7938, 26.8944, 26.9134



24.7208, 26.8944, 19.2191



21.7517, 26.8944, 31.7887



26.4227, 26.8944, 42.3614

Rectangle

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



29.7938, 26.8944, 26.9134



27.5418, 26.8944, 20.0815



21.7517, 26.8944, 31.7887



23.6801, 26.8944, 40.9383

Sweetspot

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



29.7945, 26.8956, 26.9140



65.2925, 66.0424, 70.6460



31.6809, 27.5101, 43.1756



14.0937, 14.2084, 15.1743



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.



29.7945, 26.8956, 26.9140



50.2997, 43.6116, 42.3584



31.6718, 31.2053, 25.8282



8.0426, 8.0303, 8.5350



12.7690, 6.5702, 1.1632



0.3672, 0.1876, 0.0953

Inverse Universe

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



29.7945, 26.8956, 26.9140



50.2997, 43.6116, 42.3584



29.0626, 32.1609, 44.2112



8.0426, 8.0303, 8.5350



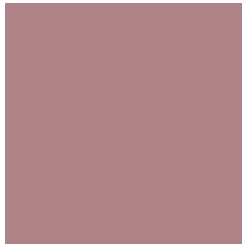
12.7690, 6.5702, 1.1632



0.3672, 0.1876, 0.0953

Previews

White Background



This preview shows how the XYZ color 29.7938, 26.8944, 26.9134 looks on a white background.

Color Contrast Check

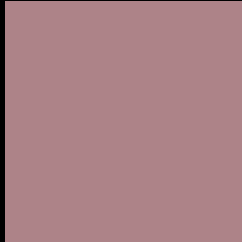
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7938, 26.8944, 26.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

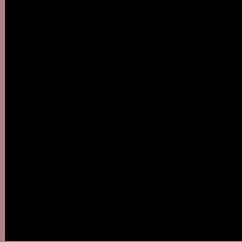
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7938, 26.8944, 26.9134

Background



This preview shows how black text looks on a background with the XYZ color 29.7938, 26.8944, 26.9134.



This preview shows how white text looks on a background with the XYZ color 29.7938, 26.8944,

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

29.7938, 26.8944, 26.9134

Protanopia

25.9090, 26.9320, 29.4240

Deuteranopia

27.4194, 26.9097, 26.6706



Tritanopia

30.1718, 26.8574, 28.4047

Trichromacy



Original Color

29.7938, 26.8944, 26.9134

Protanomaly

27.1969, 26.7533, 28.5414

Deuteranomaly

28.1414, 26.8637, 26.6237

Tritanomaly

30.0984, 26.8280, 28.0181

Monochromacy



Original Color

29.7938, 26.8944, 26.9134

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5579, 27.3569, 29.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7938, 26.8944, 26.9134 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(173, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(173, 131, 136)  
}
```

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(173, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.7938, 26.8944, 26.9134 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(173, 131, 136) }
```


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

```
.border{ border-color:rgb(173, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(173, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7938, 26.8944, 26.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 131, 136) }
```

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

```
.background{ background-color: rgb(173,  
131, 136) }
```

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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