

Converting Colors

XYZ(28.3966, 28.2076, 29.9563)

Have a look what the booklet for
XYZ(28.3966, 28.2076, 29.9563)
contains.

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Color

**XYZ(28.3874, 28.2010,
29.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8D8F
RGB	157, 141, 143
RGB Percent	62%, 55%, 56%
CMY	0.3843, 0.4470, 0.4392
CMYK	0.00, 0.10, 0.09, 0.38
HSL	353°, 8%, 58%
HSV	353°, 10%, 62%
XYZ	28.3874, 28.2010, 29.9338
YIQ	146.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

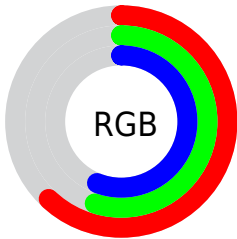
Format	Color
R_{YB}	157, 141, 143
Decimal	10325391
CIE Lab	60.07, 6.33, 1.11
CIE LCh	60, 6.429, 9.933
Yxy	28.2010, 0.3281, 0.3259
Android (android.graphics.Color)	4288515471 (0xFF9D8D8F)
YUV	146.0120, -1.4849, 9.6365
Hunter-Lab	53.1046, 2.4852, 3.7529

Details

The XYZ color **28.3874, 28.2010, 29.9338** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9589, 32.1439, 35.6899**, and the grayscale version is **27.3305, 28.7538, 31.3129**.

A 20% lighter version of the original color is **56.7445, 57.0585, 60.8460**, and **11.6607, 11.3367, 11.9295** is the 20% darker color. If you saturate the color by 10%, you get **25.2567, 23.5044, 24.0657**, and if you desaturate by 10%, it is **31.9754, 33.6075, 36.5841**.

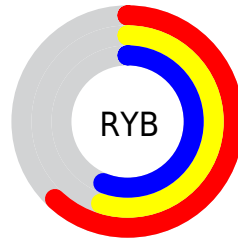
Distribution



Red (62%)

Green (55%)

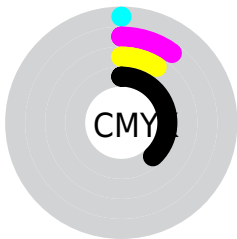
Blue (56%)



Red (62%)

Yellow (55%)

Blue (56%)

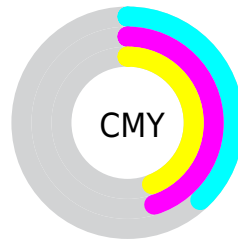


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3874, 28.2010, 29.9338 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 28.3874, 28.2010, 29.9338 by changing the saturation by 10% instead.

■ 28.3874, 28.2010,
29.9338

■ 28.3874, 28.2010,
29.9338

286.3601,
293.4261, 315.7935

■ 18.7598, 18.4772,
19.5367

■ 56.5067, 56.8052,
60.6172

■ 11.5998, 11.2932,
11.8780

■ 75.7291, 76.4544,
81.7407

■ 6.5421, 6.2644,
6.5391

■ 98.8805, 100.1809,
107.2767

■ 3.2212, 3.0065,
3.1016

126.3263,
128.3690, 137.6437

■ 1.2718, 1.1351,
1.1467

158.4318,
161.4032, 173.2604

■ 0.1619, 0.0077,
0.0000

195.5624,

■ 0.0000, 0.0000,

199.6679, 214.5452

0.0000

238.0833,
243.5474, 261.9167

■ 28.3874, 28.2010,
29.9338

■ 28.3874, 28.2010,
29.9338

■ 25.2567, 23.5044,
24.0657

■ 31.9754, 33.6075,
36.5841

■ 22.5626, 19.4845,
18.9492

■ 36.0355, 39.7477,
44.0419

■ 20.2863, 16.1114,
14.5543

■ 40.5851, 46.6490,
52.3338

■ 18.4068, 13.3512,
10.8485

■ 45.6395, 54.3362,
61.4846

■ 16.9011, 11.1669,
7.7967

■ 51.2138, 62.8330,
71.5180

■ 15.7440, 9.5177,
5.3606

■ 57.3223, 72.1621,
82.4567

■ 14.9069, 8.3573,
3.4980

■ 63.9786, 82.3453,
94.3229

■ 14.3570, 7.6316,
2.1613

■ 67.3816, 85.7749,
105.8662

■ 14.0275, 7.2173,
1.2972

■ 67.7147, 85.9082,
107.6207

Harmonies

Analogous

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



28.3126, 28.2010, 32.2816



28.3874, 28.2010, 29.9338



28.0314, 28.2010, 27.8980

Triad

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



28.3874, 28.2010, 29.9338



25.8049, 28.2010, 27.3722



26.2669, 28.2010, 35.1456

Complementary

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



28.3874, 28.2010, 29.9338



28.9589, 32.1439, 35.6899

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.



25.6133, 28.2010, 33.6966



28.3874, 28.2010, 29.9338



25.3504, 28.2010, 29.1827

Square

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



28.3874, 28.2010, 29.9338



26.5332, 28.2010, 26.4697



25.2810, 28.2010, 31.4916



27.0771, 28.2010, 35.3720

Rectangle

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



28.3874, 28.2010, 29.9338



27.6019, 28.2010, 26.9617



25.2810, 28.2010, 31.4916



26.0220, 28.2010, 34.7820

Sweetspot

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



28.3882, 28.2022, 29.9344



55.3360, 57.2777, 61.9556



29.1035, 28.4407, 35.8542



12.0646, 12.4352, 13.4262



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.



28.3882, 28.2022, 29.9344



49.6296, 48.6877, 51.3509



29.1262, 29.9182, 29.4405



6.6651, 6.6590, 7.0875



11.4009, 5.8649, 1.0961



0.2124, 0.1083, 0.0646

Inverse Universe

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



28.3882, 28.2022, 29.9344



49.6296, 48.6877, 51.3509



28.1594, 30.2741, 36.2579



6.6651, 6.6590, 7.0875



11.4009, 5.8649, 1.0961



0.2124, 0.1083, 0.0646

Previews

White Background



This preview shows how the XYZ color 28.3874, 28.2010, 29.9338 looks on a white background.

Color Contrast Check

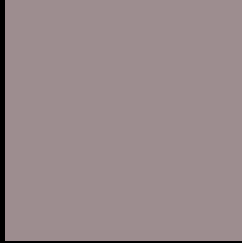
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3874, 28.2010, 29.9338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

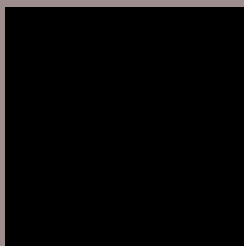
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

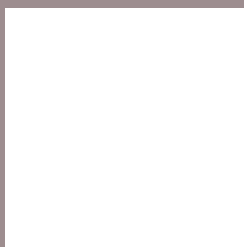
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3874, 28.2010, 29.9338

Background



This preview shows how black text looks on a background with the XYZ color 28.3874, 28.2010, 29.9338.



This preview shows how white text looks on a background with the XYZ color 28.3874, 28.2010,

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

28.3874, 28.2010, 29.9338

Protanopia

27.1167, 28.1939, 30.8008

Deuteranopia

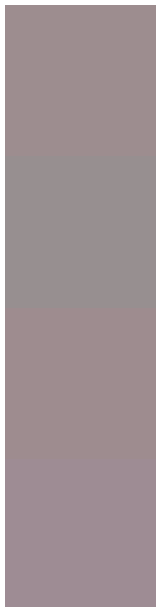
28.6341, 28.1103, 29.9032



Tritanopia

29.0645, 28.2596, 33.2009

Trichromacy



Original Color

28.3874, 28.2010, 29.9338

Protanomaly

27.6190, 28.2378, 30.3803

Deuteranomaly

28.4366, 28.0084, 29.8940

Tritanomaly

28.8239, 28.1634, 31.9339

Monochromacy



Original Color

28.3874, 28.2010, 29.9338

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6618, 28.4749, 30.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3874, 28.2010, 29.9338 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, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 143)  
}
```

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, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.3874, 28.2010, 29.9338 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, 141, 143) }
```


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

```
.border{ border-color:rgb(157, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3874, 28.2010, 29.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 143) }
```

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

```
.background{ background-color: rgb(157,  
141, 143) }
```

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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