

Converting Colors

XYZ(30.0333, 28.7834, 29.4597)

Have a look what the booklet for
XYZ(30.0333, 28.7834, 29.4597)
contains.

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Color

**XYZ(30.1969, 28.9247,
29.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	A78C8E
RGB	167, 140, 142
RGB Percent	65%, 55%, 56%
CMY	0.3451, 0.4510, 0.4431
CMYK	0.00, 0.16, 0.15, 0.35
HSL	356°, 13%, 60%
HSV	356°, 16%, 65%
XYZ	30.1969, 28.9247, 29.5827
YIQ	148.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

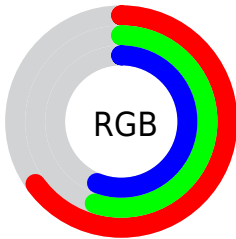
Format	Color
R_{YB}	167, 140, 142
Decimal	10980494
CIE _{Lab}	60.72, 10.51, 2.73
CIE _{LCh}	61, 10.856, 14.574
Yxy	28.9247, 0.3404, 0.3261
Android (android.graphics.Color)	4289170574 (0xFFA78C8E)
YUV	148.3010, -3.1064, 16.3990
Hunter-Lab	53.7817, 6.1048, 5.0346

Details

The XYZ color **30.1969, 28.9247, 29.5827** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.4266, 35.9301, 40.8779**, and the grayscale version is **28.2827, 29.7556, 32.4039**.

A 20% lighter version of the original color is **59.3798, 58.0987, 60.3091**, and **12.6582, 11.7299, 11.7221** is the 20% darker color. If you saturate the color by 10%, you get **26.8578, 23.9773, 23.1331**, and if you desaturate by 10%, it is **34.0691, 34.6798, 37.0055**.

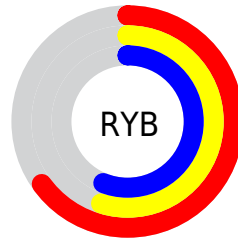
Distribution



Red (65%)

Green (55%)

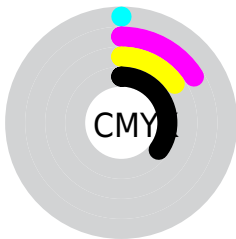
Blue (56%)



Red (65%)

Yellow (55%)

Blue (56%)

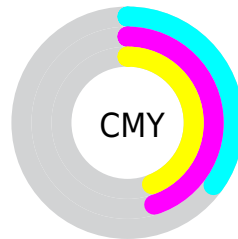


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1969, 28.9247, 29.5827 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 30.1969, 28.9247, 29.5827 by changing the saturation by 10% instead.

■ 30.1969, 28.9247,
29.5827

■ 30.1969, 28.9247,
29.5827

294.7146,
296.8595, 314.1010

■ 20.1369, 19.0239,
19.2727

■ 59.3579, 57.9574,
60.0548

■ 12.6034, 11.6875,
11.6887

■ 79.1896, 77.8581,
81.0540

■ 7.2312, 6.5313,
6.4121

■ 103.0093,
101.8609, 106.4533

■ 3.6547, 3.1707,
3.0244

131.1823,
130.3501, 136.6713

■ 1.5087, 1.2215,
1.1071

164.0740,
163.7102, 172.1265

■ 0.3317, 0.0792,
0.0000

202.0497,

■ 0.0000, 0.0000,

202.3255, 213.2375

0.0000

245.4748,
246.5805, 260.4228

■ 30.1969, 28.9247,
29.5827

■ 30.1969, 28.9247,
29.5827

■ 26.8578, 23.9773,
23.1331

■ 34.0691, 34.6798,
37.0055

■ 24.0261, 19.7979,
17.6146

■ 38.4938, 41.2725,
45.4376

■ 21.6778, 16.3490,
12.9847

■ 43.4923, 48.7356,
54.9155

■ 19.7856, 13.5888,
9.1970

■ 49.0842, 57.0994,
65.4733

■ 18.3199, 11.4709,
6.2006

■ 55.2881, 66.3925,
77.1436

■ 17.2475, 9.9435,
3.9395

■ 62.1218, 76.6422,
89.9576

■ 16.5300, 8.9465,
2.3500

■ 68.9917, 86.6537,
103.7418

■ 16.1174, 8.3991,
1.3562

■ 69.7464, 86.9555,
107.7158

■ 16.0049, 8.2429,
1.1067

Harmonies

Analogous

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



30.1858, 28.9247, 33.6022



30.1969, 28.9247, 29.5827



29.4664, 28.9247, 26.3589

Triad

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



30.1969, 28.9247, 29.5827



25.6351, 28.9247, 26.2866



26.7781, 28.9247, 39.5768

Complementary

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



30.1969, 28.9247, 29.5827



31.4266, 35.9301, 40.8779

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.



25.6079, 28.9247, 37.2563



30.1969, 28.9247, 29.5827



24.9635, 28.9247, 29.4760

Square

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



30.1969, 28.9247, 29.5827



26.8163, 28.9247, 24.5691



24.9538, 28.9247, 33.4861



28.1791, 28.9247, 39.6115

Rectangle

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



30.1969, 28.9247, 29.5827



28.6711, 28.9247, 24.9966



24.9538, 28.9247, 33.4861



26.3458, 28.9247, 39.0299

Sweetspot

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



30.1977, 28.9260, 29.5833



61.8188, 63.3049, 67.8093



31.8190, 29.5201, 40.5803



13.7205, 13.9977, 14.9579



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.1977, 28.9260, 29.5833



52.0793, 48.8338, 49.1242



31.7777, 32.3237, 29.3769



7.5528, 7.5510, 7.9622



12.2547, 6.3106, 0.8869



0.3050, 0.1563, 0.0574

Inverse Universe

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



30.1977, 28.9260, 29.5833



52.0793, 48.8338, 49.1242



29.6379, 32.0596, 41.1854



7.5528, 7.5510, 7.9622



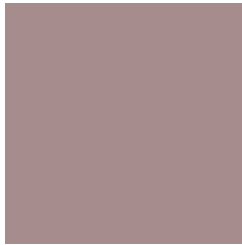
12.2547, 6.3106, 0.8869



0.3050, 0.1563, 0.0574

Previews

White Background



This preview shows how the XYZ color 30.1969, 28.9247, 29.5827 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 30.1969, 28.9247, 29.5827 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 30.1969, 28.9247, 29.5827

Background



This preview shows how black text looks on a background with the XYZ color 30.1969, 28.9247, 29.5827.



This preview shows how white text looks on a background with the XYZ color 30.1969, 28.9247,

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

30.1969, 28.9247, 29.5827

Protanopia

27.7841, 28.9917, 30.9196

Deuteranopia

29.6597, 29.0855, 29.6420



Tritanopia

30.8861, 28.9921, 32.8223

Trichromacy



Original Color

30.1969, 28.9247, 29.5827

Protanomaly

28.7176, 29.0281, 30.4750

Deuteranomaly

29.7172, 28.8953, 29.6023

Tritanomaly

30.6475, 28.8967, 31.5661

Monochromacy



Original Color

30.1969, 28.9247, 29.5827

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8313, 29.2947, 31.3290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1969, 28.9247, 29.5827 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(167, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 142)  
}
```

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(167, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.1969, 28.9247, 29.5827 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(167, 140, 142) }
```


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

```
.border{ border-color:rgb(167, 140, 142) }
```

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

Here you see how a box with a 4 pixel rgb(167, 140, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(167, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1969, 28.9247, 29.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 142) }
```

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

```
.background{ background-color: rgb(167,  
140, 142) }
```

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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