

Converting Colors

XYZ(30.1174, 28.3013, 26.8005)

Have a look what the booklet for
XYZ(30.1174, 28.3013, 26.8005)
contains.

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Color

**XYZ(30.1134, 28.2985,
26.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8987
RGB	171, 137, 135
RGB Percent	67%, 54%, 53%
CMY	0.3294, 0.4627, 0.4706
CMYK	0.00, 0.20, 0.21, 0.33
HSL	3°, 18%, 60%
HSV	3°, 21%, 67%
XYZ	30.1134, 28.2985, 26.7967
YIQ	146.9380, 20.9060, 6.5860

Conversions

Conversions Part 2

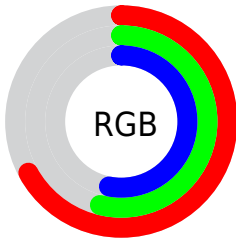
Format	Color
R_{YB}	171, 137, 135
Decimal	11241863
CIE _{Lab}	60.16, 12.60, 5.97
CIE _{LCh}	60, 13.940, 25.365
Yxy	28.2985, 0.3534, 0.3321
Android (android.graphics.Color)	4289431943 (0xFFAB8987)
YUV	146.9380, -5.8854, 21.1024
Hunter-Lab	53.1963, 7.9518, 7.3712

Details

The XYZ color **30.1134, 28.2985, 26.7967** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5300, 36.4662, 43.9051**, and the grayscale version is **27.7257, 29.1696, 31.7656**.

A 20% lighter version of the original color is **59.1691, 56.7886, 55.4197**, and **12.5191, 11.3238, 10.1202** is the 20% darker color. If you saturate the color by 10%, you get **26.8786, 23.6033, 20.2480**, and if you desaturate by 10%, it is **33.8867, 33.7608, 34.4797**.

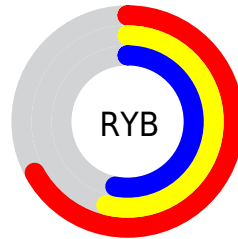
Distribution



Red (67%)

Green (54%)

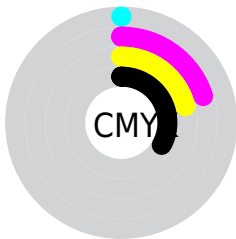
Blue (53%)



Red (67%)

Yellow (54%)

Blue (53%)

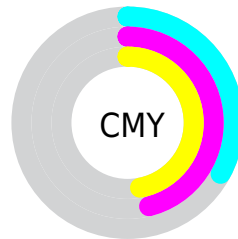


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1134, 28.2985, 26.7967 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 30.1134, 28.2985, 26.7967 by changing the saturation by 10% instead.


 30.1134, 28.2985,
26.7967


 30.1134, 28.2985,
26.7967


294.3330,
293.8905, 300.4004

 20.0732, 18.5508,
17.1895


 59.2269, 56.9607,
55.5572

 12.5568, 11.3461,
10.2063

 79.0308, 76.6439,
75.5477

 7.1990, 6.3002,
5.4286


 102.8201,
100.4078, 99.8362

 3.6343, 3.0284,
2.4378

130.9599,
128.6367, 128.8415

 1.4974, 1.1466,
0.8069

163.8158,
161.7150, 162.9820

 0.3241, 0.0174,
0.0000

201.7531,

 0.0000, 0.0000,

200.0272, 202.6763

0.0000

245.1370,
243.9575, 248.3429

■ 30.1134, 28.2985,
26.7967

■ 30.1134, 28.2985,
26.7967

■ 26.8786, 23.6033,
20.2480

■ 33.8867, 33.7608,
34.4797

■ 24.1557, 19.6373,
14.7781

■ 38.2191, 40.0183,
43.3451

■ 21.9190, 16.3649,
10.3297

■ 43.1329, 47.1024,
53.4407

■ 20.1398, 13.7464,
6.8395

■ 48.6484, 55.0417,
64.8110

■ 18.7866, 11.7378,
4.2369

■ 54.7852, 63.8634,
77.4981

■ 17.8235, 10.2897,
2.4419

■ 61.5618, 73.5936,
91.5425

■ 17.2089, 9.3451,
1.3600

■ 68.9958, 84.2572,
106.9826

■ 16.8979, 8.8645,
0.8204

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



30.4588, 28.2985, 31.6121



30.1134, 28.2985, 26.7967



28.8917, 28.2985, 23.4227

Triad

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



30.1134, 28.2985, 26.7967



24.1749, 28.2985, 25.5646



26.6209, 28.2985, 41.6650

Complementary

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



30.1134, 28.2985, 26.7967



31.5300, 36.4662, 43.9051

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.



24.9960, 28.2985, 39.6123



30.1134, 28.2985, 26.7967



23.6241, 28.2985, 30.0260

Square

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



30.1134, 28.2985, 26.7967



25.4556, 28.2985, 22.7684



23.9180, 28.2985, 35.2102



28.3916, 28.2985, 40.5574

Rectangle

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



30.1134, 28.2985, 26.7967



27.7720, 28.2985, 22.2592



23.9180, 28.2985, 35.2102



26.0404, 28.2985, 41.3159

Sweetspot

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



30.1142, 28.2998, 26.7973



64.3990, 65.8249, 69.3341



32.6390, 28.8583, 41.4848



14.2534, 14.5234, 15.2411



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.



30.1142, 28.2998, 26.7973



51.2731, 46.8258, 42.5990



32.8561, 33.7837, 27.7113



8.0397, 8.0842, 8.3500



12.7515, 6.7085, 0.6228



0.3661, 0.2093, 0.0211

Inverse Universe

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



31.5300, 36.4662, 43.9051



54.2419, 63.9547, 78.4875



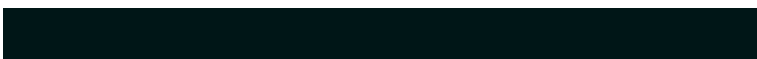
28.4415, 30.2892, 42.8756



8.1976, 8.9946, 10.2568



15.2260, 21.5858, 32.4085



0.4349, 0.6231, 0.9053

Previews

White Background



This preview shows how the XYZ color 30.1134, 28.2985, 26.7967 looks on a white background.

Color Contrast Check

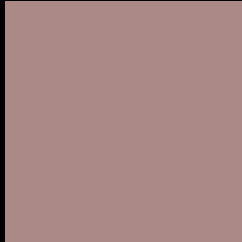
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1134, 28.2985, 26.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

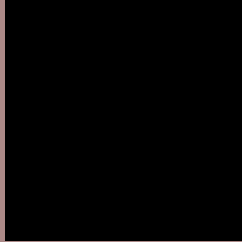
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1134, 28.2985, 26.7967

Background



This preview shows how black text looks on a background with the XYZ color 30.1134, 28.2985, 26.7967.



This preview shows how white text looks on a background with the XYZ color 30.1134, 28.2985,

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

30.1134, 28.2985, 26.7967

Protanopia

27.1800, 28.5044, 28.4955

Deuteranopia

28.7854, 28.2639, 26.4926



Tritanopia

30.8655, 28.1739, 31.0054

Trichromacy



Original Color

30.1134, 28.2985, 26.7967

Protanomaly

28.1651, 28.3491, 28.0322

Deuteranomaly

29.2616, 28.2935, 26.4732

Tritanomaly

30.6999, 28.3320, 29.4417

Monochromacy



Original Color

30.1134, 28.2985, 26.7967

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.4907, 28.6960, 30.0239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1134, 28.2985, 26.7967 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(171, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 135)  
}
```

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(171, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.1134, 28.2985, 26.7967 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(171, 137, 135) }
```


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

```
.border{ border-color:rgb(171, 137, 135) }
```

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

Here you see how a box with a 4 pixel rgb(171, 137, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1134, 28.2985, 26.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 135) }
```

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

```
.background{ background-color: rgb(171,  
137, 135) }
```

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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