

Converting Colors

XYZ(30.9187, 28.1594, 32.4028)

Have a look what the booklet for
XYZ(30.9187, 28.1594, 32.4028)
contains.

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Color

**XYZ(30.8834, 28.1558,
32.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8795
RGB	171, 135, 149
RGB Percent	67%, 53%, 58%
CMY	0.3294, 0.4706, 0.4157
CMYK	0.00, 0.21, 0.13, 0.33
HSL	337°, 18%, 60%
HSV	337°, 21%, 67%
XYZ	30.8834, 28.1558, 32.2407
YIQ	147.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

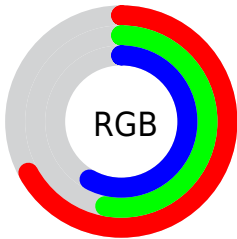
Format	Color
R_{YB}	171, 135, 149
Decimal	11241365
CIE _{Lab}	60.03, 16.03, -2.22
CIE _{LCh}	60, 16.182, 352.116
Yxy	28.1558, 0.3383, 0.3085
Android (android.graphics.Color)	4289431445 (0xFFAB8795)
YUV	147.3600, 0.8085, 20.7323
Hunter-Lab	53.0620, 11.0328, 1.1186

Details

The XYZ color **30.8834, 28.1558, 32.2407** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6415, 36.7118, 37.3711**, and the grayscale version is **27.8747, 29.3263, 31.9364**.

A 20% lighter version of the original color is **60.4413, 56.6091, 64.2410**, and **12.9243, 11.2304, 13.0418** is the 20% darker color. If you saturate the color by 10%, you get **27.8893, 23.4432, 27.3092**, and if you desaturate by 10%, it is **34.3372, 33.6672, 37.6955**.

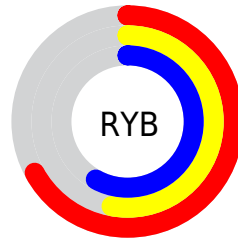
Distribution



Red (67%)

Green (53%)

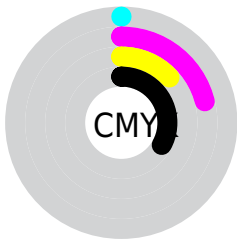
Blue (58%)



Red (67%)

Yellow (53%)

Blue (58%)

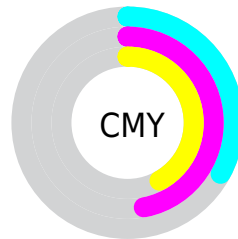


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8834, 28.1558, 32.2407 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 30.8834, 28.1558, 32.2407 by changing the saturation by 10% instead.


 30.8834, 28.1558,
32.2407


 30.8834, 28.1558,
32.2407


297.8373,
293.2106, 326.7407


 20.6615, 18.4431,
21.2791


 60.4335, 56.7331,
64.2905

 12.9878, 11.2686,
13.1349


 80.4925, 76.3665,
86.2158

 7.4971, 6.2478,
7.3897


 104.5611,
100.0756, 112.6327

 3.8240, 2.9963,
3.6249

133.0048,
128.2448, 143.9598

 1.6030, 1.1298,
1.4219

166.1889,
161.2586, 180.6156

 0.3944, 0.0032,
0.1587

204.4788,

 0.0000, 0.0000,

199.5012, 223.0187

0.0000

248.2398,
243.3571, 271.5875

■ 30.8834, 28.1558,
32.2407

■ 30.8834, 28.1558,
32.2407

■ 27.8893, 23.4432,
27.3092

■ 34.3372, 33.6672,
37.6955

■ 25.3322, 19.4885,
22.8828

■ 38.2673, 40.0086,
43.6876

■ 23.1913, 16.2524,
18.9449

■ 42.6922, 47.2139,
50.2323

■ 21.4427, 13.6911,
15.4769

■ 47.6288, 55.3141,
57.3439

■ 20.0601, 11.7554,
12.4591

■ 53.0933, 64.3387,
65.0363

■ 19.0139, 10.3896,
9.8699

■ 59.1009, 74.3157,
73.3228

■ 18.2690, 9.5279,
7.6854

■ 65.6665, 85.2721,
82.2160

■ 17.7927, 9.0572,
6.0411

■ 67.2068, 86.0388,
89.8626

■ 68.7413, 86.6526,
97.9434

Harmonies

Analogous

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



30.0137, 28.1558, 38.1706



30.8834, 28.1558, 32.2407



30.6045, 28.1558, 26.5779

Triad

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



30.8834, 28.1558, 32.2407



25.2963, 28.1558, 21.2956



24.3999, 28.1558, 40.5194

Complementary

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



30.8834, 28.1558, 32.2407



30.6415, 36.7118, 37.3711

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.



23.2540, 28.1558, 35.1332



30.8834, 28.1558, 32.2407



23.7527, 28.1558, 24.2001

Square

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



30.8834, 28.1558, 32.2407



27.3087, 28.1558, 20.7296



23.0232, 28.1558, 29.1258



26.2212, 28.1558, 43.3347

Rectangle

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



30.8834, 28.1558, 32.2407



29.8110, 28.1558, 23.6556



23.0232, 28.1558, 29.1258



23.9269, 28.1558, 38.9190

Sweetspot

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



30.8842, 28.1571, 32.2413



64.8670, 65.7214, 72.6942



29.8424, 27.3975, 42.2439



14.3677, 14.4983, 16.0617



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.



30.8842, 28.1571, 32.2413



52.8571, 46.5483, 53.7495



30.3436, 28.7581, 26.8748



8.1293, 8.0650, 8.9919



13.4372, 6.8374, 4.6817



0.4011, 0.2011, 0.2739

Inverse Universe

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



30.8842, 28.1571, 32.2413



52.8571, 46.5483, 53.7495



31.2354, 35.8762, 43.8070



8.1293, 8.0650, 8.9919



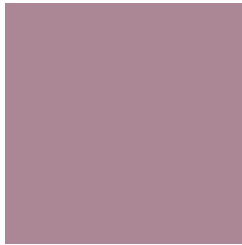
13.4372, 6.8374, 4.6817



0.4011, 0.2011, 0.2739

Previews

White Background



This preview shows how the XYZ color 30.8834, 28.1558, 32.2407 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 30.8834, 28.1558, 32.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

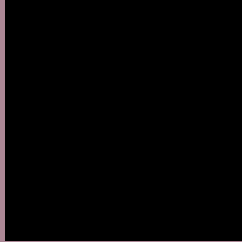
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8834, 28.1558, 32.2407

Background



This preview shows how black text looks on a background with the XYZ color 30.8834, 28.1558, 32.2407.



This preview shows how white text looks on a background with the XYZ color 30.8834, 28.1558,

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

30.8834, 28.1558, 32.2407

Protanopia

27.4830, 28.2994, 34.5857

Deuteranopia

28.6280, 28.0624, 31.9247



Tritanopia

30.6469, 28.0612, 30.9952

Trichromacy



Original Color

30.8834, 28.1558, 32.2407

Protanomaly

28.5188, 28.1868, 33.6433

Deuteranomaly

29.3341, 27.9965, 31.8748

Tritanomaly

30.7250, 28.0925, 31.4068

Monochromacy



Original Color

30.8834, 28.1558, 32.2407

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.8781, 28.8510, 32.0637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8834, 28.1558, 32.2407 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, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 149)  
}
```

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, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.8834, 28.1558, 32.2407 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, 135, 149) }
```


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

```
.border{ border-color:rgb(171, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8834, 28.1558, 32.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 149) }
```

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

```
.background{ background-color: rgb(171,  
135, 149) }
```

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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