

Converting Colors

XYZ(33.0689, 27.8651, 34.0429)

Have a look what the booklet for
XYZ(33.0689, 27.8651, 34.0429)
contains.

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Color

**XYZ(33.0803, 27.8387,
34.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	B7809A
RGB	183, 128, 154
RGB Percent	72%, 50%, 60%
CMY	0.2824, 0.4980, 0.3961
CMYK	0.00, 0.30, 0.16, 0.28
HSL	332°, 28%, 61%
HSV	332°, 30%, 72%
XYZ	33.0803, 27.8387, 34.2017
YIQ	147.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

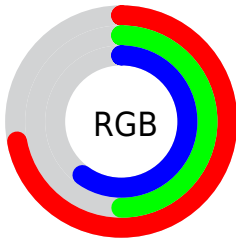
Format	Color
R_{YB}	183, 128, 154
Decimal	12026010
CIE Lab	59.74, 25.23, -5.36
CIE LCh	60, 25.793, 347.999
Yxy	27.8387, 0.3478, 0.2927
Android (android.graphics.Color)	4290216090 (0xFFB7809A)
YUV	147.4090, 3.2494, 31.2133
Hunter-Lab	52.7624, 19.5795, -1.4994

Details

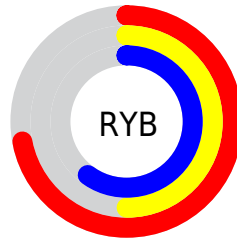
The XYZ color **33.0803, 27.8387, 34.2017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9225, 40.8912, 38.1105**, and the grayscale version is **27.8830, 29.3351, 31.9459**.

A 20% lighter version of the original color is **63.8442, 56.1271, 67.1432**, and **14.2258, 11.0952, 14.2238** is the 20% darker color. If you saturate the color by 10%, you get **30.1336, 23.1799, 29.4124**, and if you desaturate by 10%, it is **36.5238, 33.3869, 39.4760**.

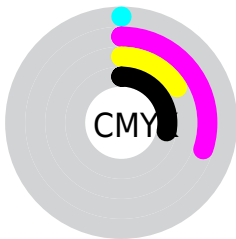
Distribution



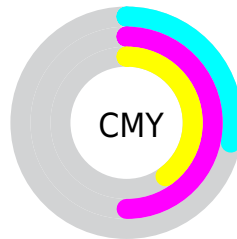
- Red (72%)
- Green (50%)
- Blue (60%)



- Red (72%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (28%)





- Cyan (28%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0803, 27.8387, 34.2017 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 33.0803, 27.8387, 34.2017 by changing the saturation by 10% instead.


 33.0803, 27.8387,
34.2017


 33.0803, 27.8387,
34.2017


307.6700,
291.6954, 335.8271


 22.3475, 18.2041,
22.7700


 63.8547, 56.2268,
67.3847

 14.2305, 11.0966,
14.2201


 84.6270, 75.7491,
89.9730

 8.3639, 6.1319,
8.1334


 109.4766, 99.3361,
117.1173

 4.3824, 2.9254,
4.0914

138.7687,
127.3722, 149.2361

 1.9207, 1.0929,
1.6756

172.8687,
160.2418, 186.7479

 0.5888, 0.0000,
0.3440

212.1421,

 0.0000, 0.0000,

198.3292, 230.0714

0.0000

256.9540,
242.0190, 279.6249

■ 33.0803, 27.8387,
34.2017

■ 33.0803, 27.8387,
34.2017

■ 30.1336, 23.1799,
29.4124

■ 36.5238, 33.3869,
39.4760

■ 27.6565, 19.3597,
25.0907

■ 40.4844, 39.8639,
45.2484

■ 25.6229, 16.3281,
21.2205


■ 44.9844, 47.3118,
51.5336


■ 24.0032, 14.0282,
17.7838


■ 50.0440, 55.7685,
58.3450


■ 22.7634, 12.3953,
14.7610


■ 55.6822, 65.2702,
65.6957


 21.8642, 11.3530,
12.1301

 61.9172, 75.8512,
73.5980

 21.2286, 10.7474,
9.8664

 68.4130, 86.8371,
81.9461

 69.7404, 87.3681,
88.9364

 71.1431, 87.9291,
96.3227

Harmonies

Analogous

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



31.3992, 27.8387, 43.9882



33.0803, 27.8387, 34.2017



32.8836, 27.8387, 25.0937

Triad

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



33.0803, 27.8387, 34.2017



24.5690, 27.8387, 16.2378



22.4814, 27.8387, 45.7134

Complementary

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



33.0803, 27.8387, 34.2017



31.9225, 40.8912, 38.1105

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.



20.9324, 27.8387, 36.2069



33.0803, 27.8387, 34.2017



22.0677, 27.8387, 19.8118

Square

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



33.0803, 27.8387, 34.2017



27.7854, 27.8387, 15.9191



20.7875, 27.8387, 26.7283



25.1771, 27.8387, 51.4921

Rectangle

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



33.0803, 27.8387, 34.2017



31.7158, 27.8387, 20.5444



20.7875, 27.8387, 26.7283



21.8192, 27.8387, 42.7679

Sweetspot

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



33.0811, 27.8400, 34.2023



73.1946, 72.5282, 82.0179



30.0586, 25.9682, 48.2281



15.9228, 15.6183, 17.7682



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.0811, 27.8400, 34.2023



55.6961, 44.2258, 55.5467



31.2650, 27.3057, 24.0463



9.1766, 9.0810, 10.2773



14.8435, 7.5112, 7.0629



0.5546, 0.2773, 0.4139

Inverse Universe

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



33.0811, 27.8400, 34.2023



55.6961, 44.2258, 55.5467



34.1952, 41.4987, 51.0078



9.1766, 9.0810, 10.2773



14.8435, 7.5112, 7.0629



0.5546, 0.2773, 0.4139

Previews

White Background



This preview shows how the XYZ color 33.0803, 27.8387, 34.2017 looks on a white background.

Color Contrast Check

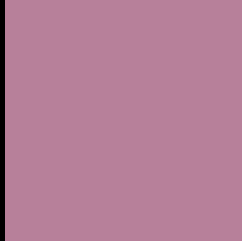
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0803, 27.8387, 34.2017 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 33.0803, 27.8387, 34.2017

Background



This preview shows how black text looks on a background with the XYZ color 33.0803, 27.8387, 34.2017.



This preview shows how white text looks on a background with the XYZ color 33.0803, 27.8387,

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

33.0803, 27.8387, 34.2017

Protanopia

27.4178, 27.9520, 38.6005

Deuteranopia

28.5631, 27.9917, 33.6033



Tritanopia

31.7723, 27.6825, 28.4796

Trichromacy



Original Color

33.0803, 27.8387, 34.2017

Protanomaly

29.1439, 27.7829, 37.0843

Deuteranomaly

30.0710, 27.9076, 33.9388

Tritanomaly

32.2525, 27.6899, 30.4329

Monochromacy



Original Color

33.0803, 27.8387, 34.2017

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3803, 28.4318, 32.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0803, 27.8387, 34.2017 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(183, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 154)  
}
```

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(183, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.0803, 27.8387, 34.2017 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(183, 128, 154) }
```


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

```
.border{ border-color:rgb(183, 128, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 154);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0803, 27.8387, 34.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 154) }
```

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

```
.background{ background-color: rgb(183,  
128, 154) }
```

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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