

Converting Colors

XYZ(34.2219, 31.9457, 27.3670)

Have a look what the booklet for
XYZ(34.2219, 31.9457, 27.3670)
contains.

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Color

**XYZ(34.1136, 31.8861,
27.2783)**

Conversions

Conversions Part 1

Format	Color
Hex	B89087
RGB	184, 144, 135
RGB Percent	72%, 56%, 53%
CMY	0.2784, 0.4353, 0.4706
CMYK	0.00, 0.22, 0.27, 0.28
HSL	11°, 26%, 63%
HSV	11°, 27%, 72%
XYZ	34.1136, 31.8861, 27.2783
YIQ	154.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

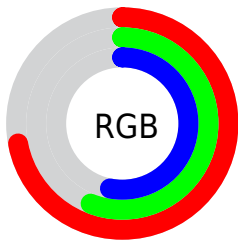
Format	Color
RYB	184, 146, 135
Decimal	12095623
CIELab	63.25, 13.74, 10.55
CIELCh	63, 17.328, 37.527
Yxy	31.8861, 0.3657, 0.3418
Android (android.graphics.Color)	4290285703 (0xFFB89087)
YUV	154.9340, -9.8275, 25.4909
Hunter-Lab	56.4678, 9.0177, 10.8858

Details

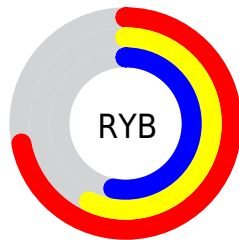
The XYZ color **34.1136, 31.8861, 27.2783** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9730, 39.2705, 51.1370**, and the grayscale version is **31.1610, 32.7838, 35.7016**.

A 20% lighter version of the original color is **65.5468, 62.7198, 56.2284**, and **14.7600, 13.2304, 10.3701** is the 20% darker color. If you saturate the color by 10%, you get **30.8031, 27.1620, 20.3262**, and if you desaturate by 10%, it is **37.9524, 37.3080, 35.5118**.

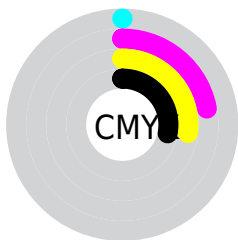
Distribution



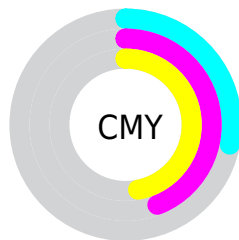
- Red (72%)
- Green (56%)
- Blue (53%)



- Red (72%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1136, 31.8861, 27.2783 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 34.1136, 31.8861, 27.2783 by changing the saturation by 10% instead.


 34.1136, 31.8861,
27.2783


 34.1136, 31.8861,
27.2783


312.2153,
310.6001, 302.8048


 23.1442, 21.2745,
17.5481


 65.4534, 62.6325,
56.3393

 14.8213, 13.3248,
10.4599


 86.5545, 83.5361,
76.5071

 8.7796, 7.6526,
5.5954


 111.7635,
108.6391, 100.9912

 4.6536, 3.8735,
2.5359

141.4459,
138.3260, 130.2101

 2.0782, 1.6030,
0.8591

175.9669,
172.9812, 164.5824

 0.6773, 0.3596,
0.0000

215.6919,

 0.0000, 0.0000,

212.9890, 204.5266

0.0000

260.9862,
258.7338, 250.4612

■ 34.1136, 31.8861,
27.2783

■ 34.1136, 31.8861,
27.2783

■ 30.8031, 27.1620,
20.3262

■ 37.9524, 37.3080,
35.5118

■ 27.9949, 23.1031,
14.5889

■ 42.3389, 43.4499,
45.0848

■ 25.6647, 19.6803,
9.9969

■ 47.2944, 50.3387,
56.0542

■ 23.7852, 16.8611,
6.4726

■ 52.8387, 57.9983,
68.4730

■ 22.3258, 14.6099,
3.9289

■ 58.9902, 66.4518,
82.3913

■ 21.2525, 12.8870,
2.2646

■ 65.7668, 75.7210,
97.8571

■ 20.5225, 11.6465,
1.3444

■ 71.7357, 85.2473,
107.2812

■ 20.3339, 11.3236,
1.1140

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



35.1129, 31.8861, 33.0170



34.1136, 31.8861, 27.2783



32.1042, 31.8861, 23.8875

Triad

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



34.1136, 31.8861, 27.2783



26.2416, 31.8861, 29.9103



30.9149, 31.8861, 49.5287

Complementary

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



34.1136, 31.8861, 27.2783



33.9730, 39.2705, 51.1370

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.



28.5778, 31.8861, 48.4102



34.1136, 31.8861, 27.2783



25.9605, 31.8861, 36.4776

Square

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



34.1136, 31.8861, 27.2783



27.5833, 31.8861, 25.2614



26.7943, 31.8861, 43.4018



33.2038, 31.8861, 46.2828

Rectangle

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



34.1136, 31.8861, 27.2783



30.5063, 31.8861, 23.1236



26.7943, 31.8861, 43.4018



30.1082, 31.8861, 49.6574

Sweetspot

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



34.1145, 31.8876, 27.2790



75.4896, 77.0048, 78.9593



36.1709, 30.6145, 44.5691



16.0077, 16.2286, 16.4384



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.



34.1145, 31.8876, 27.2790



58.1838, 52.5969, 41.7340



38.2327, 40.1240, 28.6517



9.1346, 9.2721, 9.4151



14.0526, 7.8815, 0.7806



0.5362, 0.3595, 0.0411

Inverse Universe

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



33.9730, 39.2705, 51.1370



57.8764, 68.2382, 92.3255



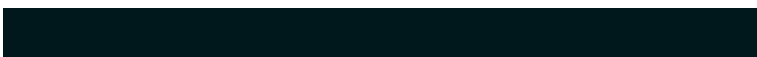
29.6327, 30.5899, 49.6903



9.1226, 9.9224, 11.5138



13.5480, 17.5556, 33.9276



0.5145, 0.6927, 1.2083

Previews

White Background



This preview shows how the XYZ color 34.1136, 31.8861, 27.2783 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.1136, 31.8861, 27.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

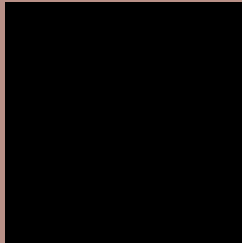
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1136, 31.8861, 27.2783

Background



This preview shows how black text looks on a background with the XYZ color 34.1136, 31.8861, 27.2783.



This preview shows how white text looks on a background with the XYZ color 34.1136, 31.8861,

27.2783.

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

34.1136, 31.8861, 27.2783

Protanopia

30.4229, 32.0468, 29.3931

Deuteranopia

32.5722, 32.0150, 27.0170



Tritanopia

35.4421, 31.7559, 33.9673

Trichromacy



Original Color

34.1136, 31.8861, 27.2783

Protanomaly

31.6422, 31.9725, 28.5483

Deuteranomaly

33.0969, 32.0536, 26.9968

Tritanomaly

34.8689, 31.7356, 31.4819

Monochromacy



Original Color

34.1136, 31.8861, 27.2783

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.1378, 32.3783, 32.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1136, 31.8861, 27.2783 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(184, 144, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 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(184, 144, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.1136, 31.8861, 27.2783 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(184, 144, 135) }
```


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

```
.border{ border-color:rgb(184, 144, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1136, 31.8861, 27.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 135) }
```

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

```
.background{ background-color: rgb(184,  
144, 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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