

Converting Colors

XYZ(34.1229, 34.9270, 31.8732)

Have a look what the booklet for
XYZ(34.1229, 34.9270, 31.8732)
contains.

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Color

**XYZ(34.1811, 34.9289,
31.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9D91
RGB	172, 157, 145
RGB Percent	67%, 62%, 57%
CMY	0.3255, 0.3843, 0.4314
CMYK	0.00, 0.09, 0.16, 0.33
HSL	27°, 14%, 62%
HSV	27°, 16%, 67%
XYZ	34.1811, 34.9289, 31.7285
YIQ	160.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

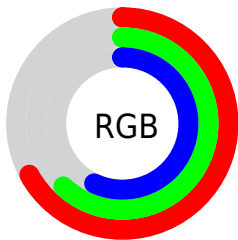
Format	Color
R_{YB}	172, 167, 145
Decimal	11312529
CIE _{Lab}	65.69, 3.44, 8.26
CIE _{LCh}	66, 8.943, 67.385
Yxy	34.9289, 0.3390, 0.3464
Android (android.graphics.Color)	4289502609 (0xFFAC9D91)
YUV	160.1170, -7.4527, 10.4214
Hunter-Lab	59.1007, -0.1900, 9.5403

Details

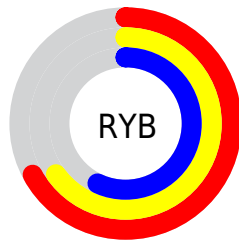
The XYZ color **34.1811, 34.9289, 31.7285** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6942, 34.1394, 43.9493**, and the grayscale version is **33.4975, 35.2420, 38.3785**.

A 20% lighter version of the original color is **65.8472, 67.7045, 63.6306**, and **14.9653, 15.1274, 12.9576** is the 20% darker color. If you saturate the color by 10%, you get **31.4006, 31.3318, 24.7462**, and if you desaturate by 10%, it is **37.2908, 38.8622, 39.8121**.

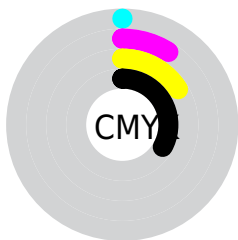
Distribution



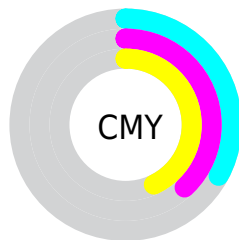
- Red (67%)
- Green (62%)
- Blue (57%)



- Red (67%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1811, 34.9289, 31.7285 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 34.1811, 34.9289, 31.7285 by changing the saturation by 10% instead.

■ 34.1811, 34.9289,
31.7285

■ 34.1811, 34.9289,
31.7285

312.5105,
324.2544, 324.3351

■ 23.1963, 23.6081,
20.8911

■ 65.5576, 67.3756,
63.4782

■ 14.8600, 15.0432,
12.8540

■ 86.6801, 89.2703,
85.2275

■ 8.8069, 8.8497,
7.1985

111.9124,
115.4585, 111.4513

■ 4.6715, 4.6433,
3.5062

141.6201,
146.3244, 142.5680

■ 2.0886, 2.0395,
1.3586

176.1683,
182.2526, 178.9962

■ 0.6830, 0.6303,
0.1091

215.9226,

■ 0.0000, 0.0000,

223.6274, 221.1545

0.0000

261.2482,
270.8332, 269.4612

■ 34.1811, 34.9289,
31.7285

■ 34.1811, 34.9289,
31.7285

■ 31.4006, 31.3318,
24.7462

■ 37.2908, 38.8622,
39.8121

■ 28.9344, 28.0570,
18.8146

■ 40.7380, 43.1361,
49.0400

■ 26.7710, 25.0962,
13.8824

■ 44.5343, 47.7606,
59.4558

■ 24.8967, 22.4389,
9.8931

■ 48.6899, 52.7441,
71.1000

■ 23.2967, 20.0741,
6.7846

■ 53.2145, 58.0943,
84.0112

■ 21.9545, 17.9899,
4.4871

■ 58.1173, 63.8191,
98.2264

■ 20.8516, 16.1732,
2.9200

■ 61.6869, 69.2376,
104.7207

■ 19.9649, 14.6088,
1.9800

■ 64.3253, 74.5145,
105.6002

■ 19.6300, 14.0038,
1.6684

■ 67.1103, 80.0844,
106.5285

Harmonies

Analogous

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



35.2496, 34.9289, 33.8004



34.1811, 34.9289, 31.7285



32.8748, 34.9289, 31.2902

Triad

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



34.1811, 34.9289, 31.7285



30.7530, 34.9289, 38.9705



34.7586, 34.9289, 44.0832

Complementary

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



34.1811, 34.9289, 31.7285



31.6942, 34.1394, 43.9493

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.



33.5251, 34.9289, 45.6779



34.1811, 34.9289, 31.7285



31.2292, 34.9289, 42.6020

Square

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



34.1811, 34.9289, 31.7285



30.9181, 34.9289, 35.3134



32.2356, 34.9289, 45.1187



35.5891, 34.9289, 40.8859

Rectangle

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



34.1811, 34.9289, 31.7285



32.0489, 34.9289, 31.9549



32.2356, 34.9289, 45.1187



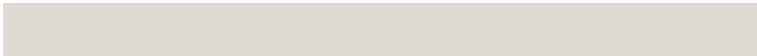
34.3760, 34.9289, 44.8337

Sweetspot

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



34.1820, 34.9305, 31.7292



68.0127, 70.9545, 73.1816



33.5106, 31.5706, 37.7235



14.6928, 15.3100, 15.6718



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.



34.1820, 34.9305, 31.7292



60.1047, 60.9209, 52.7192



36.5368, 39.6400, 32.5142



8.2873, 8.5795, 8.4326



14.6609, 10.5273, 1.2592



0.4629, 0.4030, 0.0534

Inverse Universe

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



31.6942, 34.1394, 43.9493



54.6827, 59.1962, 79.3497



29.5266, 29.8041, 43.2267



7.9339, 8.4671, 10.1689



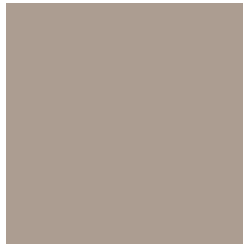
8.6781, 8.4901, 30.2259



0.2949, 0.3431, 0.8587

Previews

White Background



This preview shows how the XYZ color 34.1811, 34.9289, 31.7285 looks on a white background.

Color Contrast Check

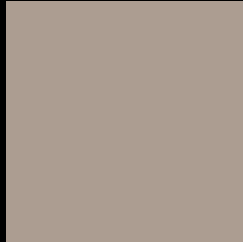
Large Text (above 18pt) WCAG AA × Fail

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 34.1811, 34.9289, 31.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

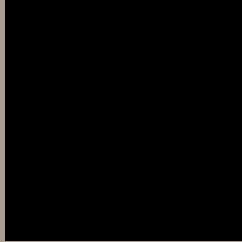
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1811, 34.9289, 31.7285

Background



This preview shows how black text looks on a background with the XYZ color 34.1811, 34.9289, 31.7285.



This preview shows how white text looks on a background with the XYZ color 34.1811, 34.9289,

31.7285.

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

34.1811, 34.9289, 31.7285

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

35.5663, 34.8898, 32.0540



Tritanopia

36.1177, 34.9783, 40.9243

Trichromacy



Original Color

34.1811, 34.9289, 31.7285

Protanomaly

33.5636, 34.8539, 32.1526

Deuteranomaly

35.0411, 34.8651, 32.0769

Tritanomaly

35.3485, 34.9100, 37.2230

Monochromacy



Original Color

34.1811, 34.9289, 31.7285

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6244, 35.0553, 36.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1811, 34.9289, 31.7285 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(172, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 145)  
}
```

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(172, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.1811, 34.9289, 31.7285 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(172, 157, 145) }
```


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

```
.border{ border-color:rgb(172, 157, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 157, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1811, 34.9289, 31.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 145) }
```

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

```
.background{ background-color: rgb(172,  
157, 145) }
```

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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