

Converting Colors

XYZ(34.1910, 37.0701, 29.3979)

Have a look what the booklet for
XYZ(34.1910, 37.0701, 29.3979)
contains.

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Color

**XYZ(34.1910, 37.0701,
29.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A58A
RGB	168, 165, 138
RGB Percent	66%, 65%, 54%
CMY	0.3412, 0.3529, 0.4588
CMYK	0.00, 0.02, 0.18, 0.34
HSL	54°, 15%, 60%
HSV	54°, 18%, 66%
XYZ	34.1910, 37.0701, 29.3979
YIQ	162.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

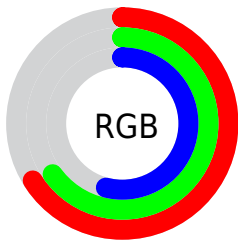
Format	Color
RYB	141, 168, 138
Decimal	11052426
CIELab	67.33, -3.58, 14.41
CIElCh	67, 14.844, 103.955
Yxy	37.0701, 0.3397, 0.3683
Android (android.graphics.Color)	4289242506 (0xFFA8A58A)
YUV	162.8190, -12.2358, 4.5437
Hunter-Lab	60.8852, -6.3098, 13.9920

Details

The XYZ color **34.1910, 37.0701, 29.3979** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0738, 27.2795, 40.8845**, and the grayscale version is **34.7806, 36.5919, 39.8486**.

A 20% lighter version of the original color is **65.4286, 70.6360, 59.4759**, and **14.8690, 16.2278, 11.5811** is the 20% darker color. If you saturate the color by 10%, you get **32.7673, 36.0208, 23.3796**, and if you desaturate by 10%, it is **35.8088, 38.2059, 36.4101**.

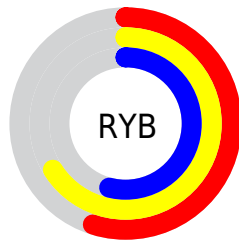
Distribution



Red (66%)

Green (65%)

Blue (54%)



Red (55%)

Yellow (66%)

Blue (54%)

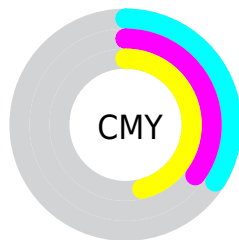


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1910, 37.0701, 29.3979 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 34.1910, 37.0701, 29.3979 by changing the saturation by 10% instead.

■ 34.1910, 37.0701,
29.3979

■ 34.1910, 37.0701,
29.3979

312.5538,
333.6139, 313.2072

■ 23.2040, 25.2618,
19.1339

■ 65.5729, 70.6806,
59.7584

■ 14.8657, 16.2722,
11.5893

■ 86.6985, 93.2515,
80.6919

■ 8.8109, 9.7170,
6.3455

■ 111.9342,
120.1788, 106.0190

■ 4.6742, 5.2117,
2.9841

141.6456,
151.8468, 136.1583

■ 2.0902, 2.3720,
1.0865

176.1979,
188.6399, 171.5282

■ 0.6839, 0.8114,
0.0000

215.9564,

■ 0.0000, 0.0000,

230.9425, 212.5473

0.0000

261.2866,
279.1391, 259.6341

■ 34.1910, 37.0701,
29.3979

■ 34.1910, 37.0701,
29.3979

■ 32.7673, 36.0208,
23.3796

■ 35.8088, 38.2059,
36.4101

■ 31.5262, 35.0497,
18.3075

■ 37.6258, 39.4265,
44.4563

■ 30.4593, 34.1545,
14.1332

■ 39.6507, 40.7366,
53.5773

■ 29.5564, 33.3312,
10.8036

■ 41.8907, 42.1392,
63.8109

■ 28.8064, 32.5753,
8.2596

■ 44.3526, 43.6370,
75.1934

■ 28.1966, 31.8817,
6.4345

■ 47.0430, 45.2327,
87.7590

■ 27.7123, 31.2446,
5.2509

■ 49.8711, 46.8899,
101.0299

■ 27.3288, 30.6539,
4.5798

■ 50.2039, 47.5556,
101.1409

■ 27.2510, 30.5299,
4.4566

■ 50.5408, 48.2294,
101.2532

Harmonies

Analogous

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



36.4553, 37.0701, 29.4937



34.1910, 37.0701, 29.3979



32.2880, 37.0701, 32.0097

Triad

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



34.1910, 37.0701, 29.3979



32.1818, 37.0701, 49.6845



39.6013, 37.0701, 43.9208

Complementary

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



34.1910, 37.0701, 29.3979



27.0738, 27.2795, 40.8845

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.



38.3540, 37.0701, 50.0563



34.1910, 37.0701, 29.3979



34.0403, 37.0701, 53.6203

Square

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



34.1910, 37.0701, 29.3979



31.1622, 37.0701, 43.4559



36.2980, 37.0701, 53.7632



39.6460, 37.0701, 37.4205

Rectangle

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



34.1910, 37.0701, 29.3979



31.4531, 37.0701, 35.1150



36.2980, 37.0701, 53.7632



39.3065, 37.0701, 46.1095

Sweetspot

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



34.1920, 37.0717, 29.3987



65.8548, 69.9264, 69.9171



30.0450, 28.4253, 29.1029



14.3066, 15.2091, 15.0323



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.1920, 37.0717, 29.3987



61.0949, 66.5820, 49.2922



32.3007, 36.9084, 29.4668



8.0819, 8.6439, 8.0317



20.6000, 23.0972, 3.3725



0.5189, 0.5974, 0.0880

Inverse Universe

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



27.0738, 27.2795, 40.8845



46.0038, 45.8223, 73.6450



28.7344, 27.4886, 40.8373



7.1899, 7.4166, 9.4709



5.5050, 2.4701, 28.1621



0.1520, 0.0962, 0.6912

Previews

White Background



This preview shows how the XYZ color 34.1910, 37.0701, 29.3979 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 34.1910, 37.0701, 29.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

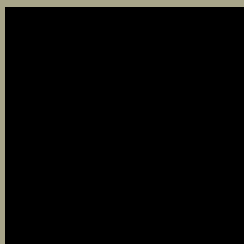
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

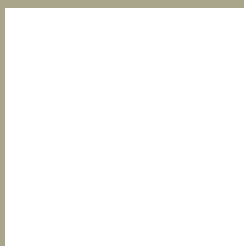
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1910, 37.0701, 29.3979

Background



This preview shows how black text looks on a background with the XYZ color 34.1910, 37.0701, 29.3979.



This preview shows how white text looks on a background with the XYZ color 34.1910, 37.0701,

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

34.1910, 37.0701, 29.3979

Protanopia

34.8461, 36.8848, 28.9498

Deuteranopia

37.6261, 37.0092, 29.5865



Tritanopia

37.3472, 37.0430, 44.7168

Trichromacy



Original Color

34.1910, 37.0701, 29.3979

Protanomaly

34.5854, 37.0150, 28.9887

Deuteranomaly

36.4611, 37.1776, 29.6804

Tritanomaly

36.0601, 37.0367, 38.5059

Monochromacy



Original Color

34.1910, 37.0701, 29.3979

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6252, 36.8833, 35.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1910, 37.0701, 29.3979 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(168, 165, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 165, 138)  
}
```

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(168, 165, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 165, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.1910, 37.0701, 29.3979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

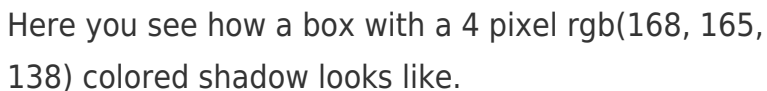
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 165, 138) }
```


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

```
.border{ border-color:rgb(168, 165, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 165, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 165, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 165, 138); box-shadow:4px 4px 4px 4px rgb(168, 165, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1910, 37.0701, 29.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 165, 138) }
```

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

```
.background{ background-color: rgb(168,  
165, 138) }
```

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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