

Converting Colors

XYZ(34.3062, 37.3814, 30.2181)

Have a look what the booklet for
XYZ(34.3062, 37.3814, 30.2181)
contains.

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Color

**XYZ(34.3062, 37.3814,
30.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A68C
RGB	167, 166, 140
RGB Percent	65%, 65%, 55%
CMY	0.3451, 0.3490, 0.4510
CMYK	0.00, 0.01, 0.16, 0.35
HSL	58°, 13%, 60%
HSV	58°, 16%, 65%
XYZ	34.3062, 37.3814, 30.2181
YIQ	163.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

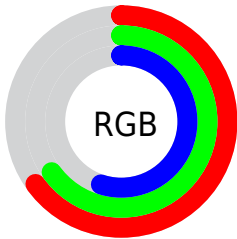
Format	Color
RYB	141, 167, 140
Decimal	10987148
CIELab	67.56, -4.18, 13.62
CIELCh	68, 14.244, 107.079
Yxy	37.3814, 0.3366, 0.3668
Android (android.graphics.Color)	4289177228 (0xFFA7A68C)
YUV	163.3350, -11.5042, 3.2142
Hunter-Lab	61.1403, -6.8382, 13.4946

Details

The XYZ color **34.3062, 37.3814, 30.2181** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3150, 27.4146, 40.4114**, and the grayscale version is **35.0217, 36.8455, 40.1248**.

A 20% lighter version of the original color is **65.7183, 71.1375, 61.3061**, and **14.9330, 16.4177, 12.0547** is the 20% darker color. If you saturate the color by 10%, you get **33.0558, 36.7037, 24.1802**, and if you desaturate by 10%, it is **35.7461, 38.1383, 37.2422**.

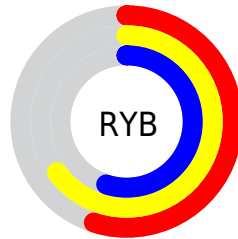
Distribution



Red (65%)

Green (65%)

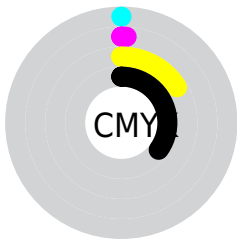
Blue (55%)



Red (55%)

Yellow (65%)

Blue (55%)

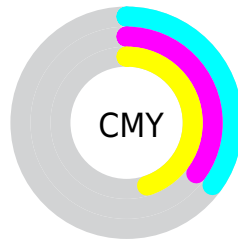


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3062, 37.3814, 30.2181 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 34.3062, 37.3814, 30.2181 by changing the saturation by 10% instead.

■ 34.3062, 37.3814,
30.2181

■ 34.3062, 37.3814,
30.2181

313.0572,
334.9588, 317.1586

■ 23.2929, 25.5029,
19.7507

■ 65.7507, 71.1590,
61.0720

■ 14.9318, 16.4522,
12.0317

■ 86.9126, 93.8269,
82.2956

■ 8.8576, 9.8447,
6.6425

■ 112.1881,
120.8601, 107.9417

■ 4.7048, 5.2961,
3.1645

141.9426,
152.6429, 138.4289

■ 2.1081, 2.4220,
1.1792

176.5414,
189.5598, 174.1756

■ 0.6936, 0.8372,
0.0000

216.3499,

■ 0.0000, 0.0000,

231.9952, 215.6004

0.0000

261.7333,
280.3334, 263.1219

■ 34.3062, 37.3814,
30.2181

■ 34.3062, 37.3814,
30.2181

■ 33.0558, 36.7037,
24.1802

■ 35.7461, 38.1383,
37.2422

■ 31.9834, 36.0968,
19.0818

■ 37.3803, 38.9725,
45.2914

■ 31.0811, 35.5587,
14.8762

■ 39.2173, 39.8887,
54.4057

■ 30.3389, 35.0856,
11.5115

■ 41.2641, 40.8897,
64.6220

■ 29.7462, 34.6731,
8.9307

■ 43.5274, 41.9781,
75.9755

■ 29.2906, 34.3164,
7.0697

■ 46.0135, 43.1565,
88.5001

■ 28.9581, 34.0097,
5.8542

■ 48.4209, 44.3043,
100.6073

■ 28.7295, 33.7454,
5.1831

■ 48.5369, 44.5365,
100.6460

■ 28.6531, 33.6489,
4.9847

■ 48.6535, 44.7697,
100.6848

Harmonies

Analogous

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



36.4809, 37.3814, 30.0326



34.3062, 37.3814, 30.2181



32.5315, 37.3814, 33.0218

Triad

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



34.3062, 37.3814, 30.2181



32.7359, 37.3814, 50.1982



39.7990, 37.3814, 43.4616

Complementary

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



34.3062, 37.3814, 30.2181



27.3150, 27.4146, 40.4114

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.



38.7071, 37.3814, 49.4892



34.3062, 37.3814, 30.2181



34.5956, 37.3814, 53.6392

Square

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



34.3062, 37.3814, 30.2181



31.6508, 37.3814, 44.3515



36.7824, 37.3814, 53.3672



39.7137, 37.3814, 37.2583

Rectangle

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



34.3062, 37.3814, 30.2181



31.7870, 37.3814, 36.1789



36.7824, 37.3814, 53.3672



39.5556, 37.3814, 45.5872

Sweetspot

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



34.3072, 37.3831, 30.2189



64.3166, 68.4567, 68.1604



30.1486, 28.9056, 29.3269



14.3509, 15.2977, 15.0470



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.



34.3072, 37.3831, 30.2189



60.6939, 66.5492, 50.4967



32.0415, 36.4849, 30.1650



8.1228, 8.7256, 8.0454



21.9337, 25.7646, 3.8170



0.5407, 0.6409, 0.0952

Inverse Universe

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



27.3150, 27.4146, 40.4114



46.0381, 45.6552, 71.8612



29.3305, 28.2366, 40.4638



7.1532, 7.3433, 9.4587



5.3966, 2.2534, 28.1260



0.1380, 0.0683, 0.6866

Previews

White Background



This preview shows how the XYZ color 34.3062, 37.3814, 30.2181 looks on a white background.

Color Contrast Check

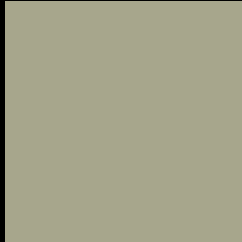
Large Text (above 18pt) WCAG AA × Fail

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 34.3062, 37.3814, 30.2181 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 34.3062, 37.3814, 30.2181

Background



This preview shows how black text looks on a background with the XYZ color 34.3062, 37.3814, 30.2181.



This preview shows how white text looks on a background with the XYZ color 34.3062, 37.3814,

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

34.3062, 37.3814, 30.2181

Protanopia

35.1692, 37.2992, 29.7720

Deuteranopia

38.0956, 37.2255, 30.7686



Tritanopia

37.3981, 37.3164, 45.2761

Trichromacy



Original Color

34.3062, 37.3814, 30.2181

Protanomaly

34.9099, 37.4323, 29.8113

Deuteranomaly

36.6086, 37.2366, 30.4572

Tritanomaly

36.1963, 37.3491, 39.4838

Monochromacy



Original Color

34.3062, 37.3814, 30.2181

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5017, 36.8100, 36.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3062, 37.3814, 30.2181 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(167, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 140)  
}
```

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(167, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.3062, 37.3814, 30.2181 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(167, 166, 140) }
```


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

```
.border{ border-color:rgb(167, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3062, 37.3814, 30.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 140) }
```

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

```
.background{ background-color: rgb(167,  
166, 140) }
```

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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