

Converting Colors

XYZ(34.2700, 37.0048, 34.1906)

Have a look what the booklet for
XYZ(34.2700, 37.0048, 34.1906)
contains.

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Color

**XYZ(34.2700, 37.0048,
34.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A596
RGB	164, 165, 150
RGB Percent	64%, 65%, 59%
CMY	0.3569, 0.3529, 0.4118
CMYK	0.01, 0.00, 0.09, 0.35
HSL	64°, 8%, 62%
HSV	64°, 9%, 65%
XYZ	34.2700, 37.0048, 34.1906
YIQ	162.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

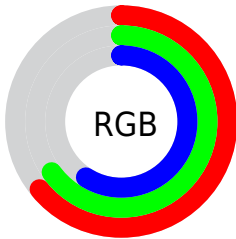
Format	Color
RYB	150, 165, 151
Decimal	10790294
CIELab	67.28, -3.10, 7.65
CIELCh	67, 8.250, 112.033
Yxy	37.0048, 0.3249, 0.3509
Android (android.graphics.Color)	4288980374 (0xFFA4A596)
YUV	162.9910, -6.4046, 0.8849
Hunter-Lab	60.8316, -5.8957, 9.2579

Details

The XYZ color **34.2700, 37.0048, 34.1906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4618, 31.1096, 39.9985**, and the grayscale version is **34.8372, 36.6515, 39.9135**.

A 20% lighter version of the original color is **65.7057, 70.6061, 67.2920**, and **14.8394, 16.1559, 14.1407** is the 20% darker color. If you saturate the color by 10%, you get **32.8074, 36.3948, 27.6679**, and if you desaturate by 10%, it is **35.9237, 37.6939, 41.7004**.

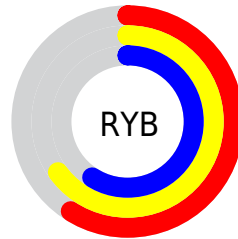
Distribution



Red (64%)

Green (65%)

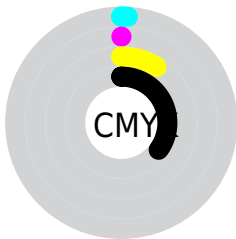
Blue (59%)



Red (59%)

Yellow (65%)

Blue (59%)

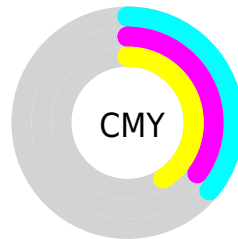


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (36%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2700, 37.0048, 34.1906 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 34.2700, 37.0048, 34.1906 by changing the saturation by 10% instead.

■ 34.2700, 37.0048,
34.1906

■ 34.2700, 37.0048,
34.1906

312.8991,
333.3313, 335.7762

■ 23.2650, 25.2112,
22.7615

■ 65.6948, 70.5802,
67.3672

■ 14.9111, 16.2345,
14.2139

■ 86.8453, 93.1307,
89.9519

■ 8.8429, 9.6902,
8.1291

112.1084,
120.0357, 117.0921

■ 4.6951, 5.1941,
4.0887

141.8493,
151.6796, 149.2065

■ 2.1024, 2.3616,
1.6741

176.4335,
188.4467, 186.7135

■ 0.6905, 0.8060,
0.3429

216.2263,

■ 0.0000, 0.0000,

230.7214, 230.0318

0.0000

261.5930,
278.8881, 279.5798

■ 34.2700, 37.0048,
34.1906

■ 34.2700, 37.0048,
34.1906

■ 32.8074, 36.3948,
27.6679

■ 35.9237, 37.6939,
41.7004

■ 31.5252, 35.8559,
22.0891

■ 37.7729, 38.4602,
50.2336

■ 30.4160, 35.3865,
17.4111

■ 39.8254, 39.3081,
59.8275

■ 29.4708, 34.9829,
13.5865

■ 42.0879, 40.2402,
70.5166

■ 28.6798, 34.6412,
10.5639

■ 44.5667, 41.2591,
82.3343

■ 28.0322, 34.3571,
8.2860

■ 47.2677, 42.3671,
95.3120

■ 27.5156, 34.1256,
6.6880

■ 48.4590, 42.8714,
100.3287

■ 27.1157, 33.9411,
5.6943

■ 48.7017, 42.9965,
100.3400

■ 26.8036, 33.7918,
5.1528

■ 48.9465, 43.1227,
100.3515

Harmonies

Analogous

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



35.5091, 37.0048, 33.7975



34.2700, 37.0048, 34.1906



33.2945, 37.0048, 36.1683

Triad

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



34.2700, 37.0048, 34.1906



33.7010, 37.0048, 46.0192



37.6288, 37.0048, 41.2623

Complementary

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



34.2700, 37.0048, 34.1906



30.4618, 31.1096, 39.9985

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.



37.1187, 37.0048, 44.7176



34.2700, 37.0048, 34.1906



34.8369, 37.0048, 47.5691

Square

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



34.2700, 37.0048, 34.1906



32.9715, 37.0048, 42.9540



36.0896, 37.0048, 47.0791



37.4682, 37.0048, 37.7422

Rectangle

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



34.2700, 37.0048, 34.1906



32.9151, 37.0048, 38.1873



36.0896, 37.0048, 47.0791



37.5296, 37.0048, 42.4726

Sweetspot

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



34.2710, 37.0064, 34.1914



63.1191, 66.9990, 69.1342



32.0899, 32.3355, 33.4048



13.7481, 14.6261, 14.8821



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.2710, 37.0064, 34.1914



60.7931, 66.0301, 58.6226



32.7688, 36.2320, 34.1211



7.6024, 8.2131, 7.5647



20.2721, 25.5612, 3.8653



0.4389, 0.5438, 0.0818

Inverse Universe

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



30.4618, 31.1096, 39.9985



52.5075, 53.2036, 71.2542



31.8982, 31.8501, 40.0658



6.7423, 6.8815, 8.8760



5.2596, 2.1179, 27.0614



0.1229, 0.0509, 0.5692

Previews

White Background



This preview shows how the XYZ color 34.2700, 37.0048, 34.1906 looks on a white background.

Color Contrast Check

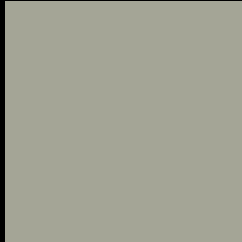
Large Text (above 18pt) WCAG AA × Fail

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 34.2700, 37.0048, 34.1906 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

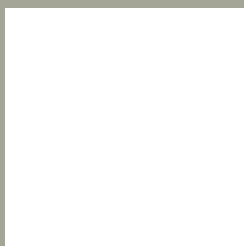
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2700, 37.0048, 34.1906

Background



This preview shows how black text looks on a background with the XYZ color 34.2700, 37.0048, 34.1906.



This preview shows how white text looks on a background with the XYZ color 34.2700, 37.0048,

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

34.2700, 37.0048, 34.1906

Protanopia

35.0996, 36.9104, 33.7082

Deuteranopia

37.5799, 36.8784, 34.4157



Tritanopia

36.5333, 36.8706, 45.2356

Trichromacy



Original Color

34.2700, 37.0048, 34.1906

Protanomaly

34.8487, 37.0457, 33.7476

Deuteranomaly

36.4622, 37.0712, 34.5118

Tritanomaly

35.6482, 36.7728, 40.8163

Monochromacy



Original Color

34.2700, 37.0048, 34.1906

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5513, 36.8061, 37.6310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2700, 37.0048, 34.1906 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(164, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 150)  
}
```

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(164, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.2700, 37.0048, 34.1906 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(164, 165, 150) }
```


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

```
.border{ border-color:rgb(164, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2700, 37.0048, 34.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 150) }
```

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

```
.background{ background-color: rgb(164,  
165, 150) }
```

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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