

Converting Colors

XYZ(35.0535, 37.4069, 36.8257)

Have a look what the booklet for
XYZ(35.0535, 37.4069, 36.8257)
contains.

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Color

**XYZ(34.9729, 37.3099,
36.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A59C
RGB	165, 165, 156
RGB Percent	65%, 65%, 61%
CMY	0.3529, 0.3529, 0.3882
CMYK	0.00, 0.00, 0.05, 0.35
HSL	60°, 5%, 63%
HSV	60°, 5%, 65%
XYZ	34.9729, 37.3099, 36.8107
YIQ	163.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

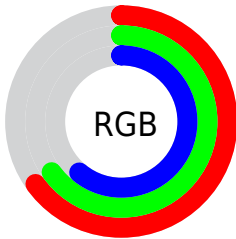
Format	Color
RYB	156, 165, 156
Decimal	10855836
CIELab	67.51, -1.66, 4.65
CIELCh	68, 4.942, 109.656
Yxy	37.3099, 0.3206, 0.3420
Android (android.graphics.Color)	4289045916 (0xFFA5A59C)
YUV	163.9740, -3.9312, 0.8998
Hunter-Lab	61.0818, -4.6916, 7.0264

Details

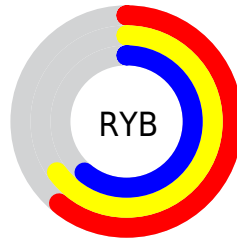
The XYZ color **34.9729, 37.3099, 36.8107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3917, 33.5624, 40.3703**, and the grayscale version is **35.2922, 37.1302, 40.4348**.

A 20% lighter version of the original color is **66.7413, 71.0552, 71.1701**, and **15.2650, 16.3409, 15.7142** is the 20% darker color. If you saturate the color by 10%, you get **33.6687, 36.7893, 29.9449**, and if you desaturate by 10%, it is **36.4691, 37.9097, 44.6779**.

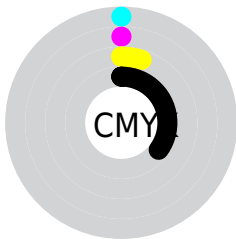
Distribution



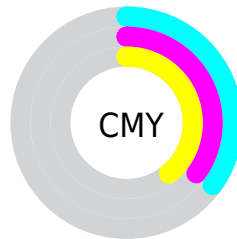
- Red (65%)
- Green (65%)
- Blue (61%)



- Red (61%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9729, 37.3099, 36.8107 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 34.9729, 37.3099, 36.8107 by changing the saturation by 10% instead.

■ 34.9729, 37.3099,
36.8107

■ 34.9729, 37.3099,
36.8107

315.9588,
334.6503, 347.6342

■ 23.8084, 25.4475,
24.7663

■ 66.7781, 71.0492,
71.4646

■ 15.3155, 16.4108,
15.6856

■ 88.1495, 93.6948,
94.9112

■ 9.1289, 9.8153,
9.1500

113.6539,
120.7037, 122.9957

■ 4.8831, 5.2767,
4.7410

143.6567,
152.4602, 156.1365

■ 2.2129, 2.4105,
2.0401

178.5233,
189.3487, 194.7522

■ 0.7495, 0.8313,
0.5797

218.6189,

■ 0.0000, 0.0000,

231.7536, 239.2614

0.0000

264.3089,
280.0594, 290.0825

■ 34.9729, 37.3099,
36.8107

■ 34.9729, 37.3099,
36.8107

■ 33.6687, 36.7893,
29.9449

■ 36.4691, 37.9097,
44.6779

■ 32.5457, 36.3399,
24.0380

■ 38.1612, 38.5867,
53.5819

■ 31.5968, 35.9602,
19.0480

■ 40.0572, 39.3453,
63.5592

■ 30.8133, 35.6467,
14.9292

■ 42.1635, 40.1879,
74.6440

■ 30.1858, 35.3955,
11.6315

■ 44.4863, 41.1172,
86.8688

■ 29.7038, 35.2025,
9.0999

■ 47.0309, 42.1352,
100.2619

■ 29.3555, 35.0631,
7.2729

■ 47.0322, 42.1359,
100.2619

■ 29.1275, 34.9717,
6.0791

■ 47.0335, 42.1366,
100.2620

■ 29.0024, 34.9216,
5.4272

■ 47.0348, 42.1372,
100.2620

Harmonies

Analogous

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



35.7249, 37.3099, 36.6464



34.9729, 37.3099, 36.8107



34.3603, 37.3099, 37.9758

Triad

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



34.9729, 37.3099, 36.8107



34.5247, 37.3099, 43.8965



36.9183, 37.3099, 41.3799

Complementary

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



34.9729, 37.3099, 36.8107



32.3917, 33.5624, 40.3703

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.



36.5869, 37.3099, 43.3929



34.9729, 37.3099, 36.8107



35.2003, 37.3099, 44.8798

Square

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



34.9729, 37.3099, 36.8107



34.1041, 37.3099, 42.0475



35.9555, 37.3099, 44.6923



36.8553, 37.3099, 39.2333

Rectangle

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



34.9729, 37.3099, 36.8107



34.1100, 37.3099, 39.1871



35.9555, 37.3099, 44.6923



36.8492, 37.3099, 42.0959

Sweetspot

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



34.9739, 37.3115, 36.8115



63.5091, 67.1694, 70.5356



33.4074, 34.1774, 36.2891



13.8911, 14.6873, 15.4561



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.



34.9739, 37.3115, 36.8115



62.2183, 66.6529, 63.7444



34.0546, 36.8376, 36.7685



7.7045, 8.2593, 7.8577



21.9080, 26.4045, 3.9419



0.4604, 0.5549, 0.0828

Inverse Universe

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



32.3917, 33.5624, 40.3703



56.2434, 57.9781, 71.9789



33.2785, 34.0196, 40.4118



6.9363, 7.1439, 8.9164



5.1386, 2.0555, 27.0557



0.1080, 0.0432, 0.5685

Previews

White Background



This preview shows how the XYZ color 34.9729, 37.3099, 36.8107 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 34.9729, 37.3099, 36.8107 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

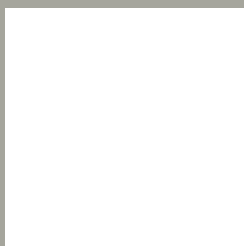
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9729, 37.3099, 36.8107

Background



This preview shows how black text looks on a background with the XYZ color 34.9729, 37.3099, 36.8107.



This preview shows how white text looks on a background with the XYZ color 34.9729, 37.3099,

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

34.9729, 37.3099, 36.8107

Protanopia

35.5540, 37.3525, 36.3462

Deuteranopia

38.0124, 37.2979, 37.0940



Tritanopia

36.8066, 37.2606, 45.8095

Trichromacy



Original Color

34.9729, 37.3099, 36.8107

Protanomaly

35.3403, 37.2423, 36.3362

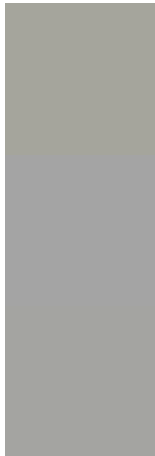
Deuteranomaly

36.7352, 37.1542, 37.1336

Tritanomaly

36.1014, 37.2370, 42.3305

Monochromacy



Original Color

34.9729, 37.3099, 36.8107

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0183, 37.0166, 39.0175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9729, 37.3099, 36.8107 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(165, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 156)  
}
```

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(165, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.9729, 37.3099, 36.8107 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(165, 165, 156) }
```


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

```
.border{ border-color:rgb(165, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9729, 37.3099, 36.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 156) }
```

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

```
.background{ background-color: rgb(165,  
165, 156) }
```

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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