

Converting Colors

XYZ(36.6191, 37.1730, 37.2920)

Have a look what the booklet for
XYZ(36.6191, 37.1730, 37.2920)
contains.

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Color

**XYZ(36.5099, 37.0380,
37.1231)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA19D
RGB	175, 161, 157
RGB Percent	69%, 63%, 62%
CMY	0.3137, 0.3686, 0.3843
CMYK	0.00, 0.08, 0.10, 0.31
HSL	13°, 10%, 65%
HSV	13°, 10%, 69%
XYZ	36.5099, 37.0380, 37.1231
YIQ	164.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

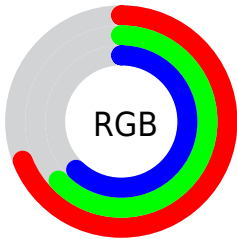
Format	Color
RYB	175, 162, 157
Decimal	11510173
CIELab	67.31, 4.39, 3.91
CIELCh	67, 5.877, 41.707
Yxy	37.0380, 0.3299, 0.3347
Android (android.graphics.Color)	4289700253 (0xFFAFA19D)
YUV	164.7300, -3.8109, 9.0068
Hunter-Lab	60.8589, 0.5811, 6.4351

Details

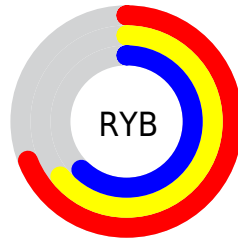
The XYZ color **36.5099, 37.0380, 37.1231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2054, 39.3885, 46.2525**, and the grayscale version is **35.6501, 37.5067, 40.8448**.

A 20% lighter version of the original color is **69.3945, 70.8541, 72.3061**, and **16.2035, 16.3300, 15.9337** is the 20% darker color. If you saturate the color by 10%, you get **32.8717, 31.9836, 29.0595**, and if you desaturate by 10%, it is **40.6230, 42.6990, 46.4018**.

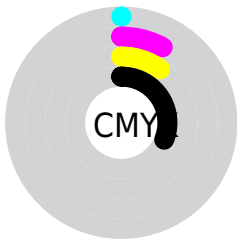
Distribution



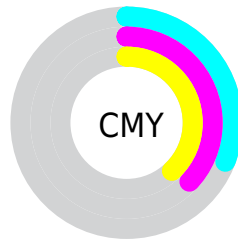
- Red (69%)
- Green (63%)
- Blue (62%)



- Red (69%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5099, 37.0380, 37.1231 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 36.5099, 37.0380, 37.1231 by changing the saturation by 10% instead.

■ 36.5099, 37.0380,
37.1231

■ 36.5099, 37.0380,
37.1231

322.5763,
333.4750, 349.0279

■ 25.0002, 25.2369,
25.0063

■ 69.1371, 70.6312,
71.9505

■ 16.2059, 16.2537,
15.8627

■ 90.9853, 93.1922,
95.4982

■ 9.7618, 9.7038,
9.2737

117.0104,
120.1085, 123.6932

■ 5.3023, 5.2030,
4.8209

147.5777,
151.7646, 156.9542

■ 2.4623, 2.3669,
2.0857

183.0526,
188.5449, 195.6996

■ 0.8763, 0.8088,
0.6072

223.8004,

■ 0.0000, 0.0000,

230.8338, 240.3480

0.0000

270.1865,
279.0157, 291.3179

■ 36.5099, 37.0380,
37.1231

■ 36.5099, 37.0380,
37.1231

■ 32.8717, 31.9836,
29.0595

■ 40.6230, 42.6990,
46.4018

■ 29.6881, 27.5108,
22.1581

■ 45.2244, 48.9808,
56.9407

■ 26.9417, 23.5998,
16.3658

■ 50.3307, 55.9033,
68.7854

■ 24.6128, 20.2283,
11.6242

■ 55.9568, 63.4842,
81.9787

■ 22.6803, 17.3721,
7.8698

■ 62.1169, 71.7402,
96.5613

■ 21.1209, 15.0052,
5.0320

■ 67.6766, 80.2284,
106.5264

■ 19.9088, 13.0993,
3.0306

■ 71.4894, 87.8541,
107.7974

■ 19.0147, 11.6228,
1.7716

■ 18.4022, 10.5597,
1.0683

Harmonies

Analogous

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



36.9235, 37.0380, 39.3319



36.5099, 37.0380, 37.1231



35.7489, 37.0380, 35.8078

Triad

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



36.5099, 37.0380, 37.1231



33.5876, 37.0380, 38.7940



35.5554, 37.0380, 45.3727

Complementary

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



36.5099, 37.0380, 37.1231



36.2054, 39.3885, 46.2525

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.



34.6637, 37.0380, 45.2137



36.5099, 37.0380, 37.1231



33.5378, 37.0380, 41.3410

Square

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



36.5099, 37.0380, 37.1231



34.0659, 37.0380, 36.7438



33.9287, 37.0380, 43.7124



36.3662, 37.0380, 44.1382

Rectangle

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



36.5099, 37.0380, 37.1231



35.1520, 37.0380, 35.5791



33.9287, 37.0380, 43.7124



35.2550, 37.0380, 45.4818

Sweetspot

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



36.5109, 37.0396, 37.1239



70.6297, 73.5574, 78.2839



37.0969, 36.1726, 43.6054



15.5648, 16.1656, 17.0975



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.5109, 37.0396, 37.1239



64.0715, 64.5128, 63.5450



38.1215, 40.2608, 37.6608



8.1443, 8.2935, 8.3849



13.2173, 7.6401, 0.7781



0.4076, 0.2924, 0.0349

Inverse Universe

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



36.2054, 39.3885, 46.2525



63.4302, 69.4403, 82.6971



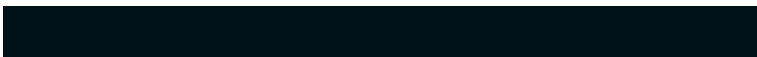
34.5810, 36.1397, 45.7110



8.0830, 8.7653, 10.2186



11.9017, 14.9373, 31.3004



0.3680, 0.4893, 0.8830

Previews

White Background



This preview shows how the XYZ color 36.5099, 37.0380, 37.1231 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 36.5099, 37.0380, 37.1231 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 36.5099, 37.0380, 37.1231

Background



This preview shows how black text looks on a background with the XYZ color 36.5099, 37.0380, 37.1231.



This preview shows how white text looks on a background with the XYZ color 36.5099, 37.0380,

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

36.5099, 37.0380, 37.1231

Protanopia

35.4172, 36.9878, 37.6204

Deuteranopia

37.6898, 36.8674, 37.4774



Tritanopia

37.8803, 37.0837, 43.6894

Trichromacy



Original Color

36.5099, 37.0380, 37.1231

Protanomaly

35.8865, 36.9672, 37.5917

Deuteranomaly

37.1601, 36.8486, 37.5017

Tritanomaly

37.3582, 37.1249, 41.2732

Monochromacy



Original Color

36.5099, 37.0380, 37.1231

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.1592, 37.5946, 39.5331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5099, 37.0380, 37.1231 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(175, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 157)  
}
```

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(175, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.5099, 37.0380, 37.1231 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(175, 161, 157) }
```


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

```
.border{ border-color:rgb(175, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5099, 37.0380, 37.1231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 157) }
```

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

```
.background{ background-color: rgb(175,  
161, 157) }
```

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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