

Converting Colors

XYZ(37.2097, 39.4236, 36.4836)

Have a look what the booklet for
XYZ(37.2097, 39.4236, 36.4836)
contains.

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Color

**XYZ(37.1526, 39.2561,
36.6294)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA89B
RGB	173, 168, 155
RGB Percent	68%, 66%, 61%
CMY	0.3216, 0.3412, 0.3922
CMYK	0.00, 0.03, 0.10, 0.32
HSL	43°, 10%, 64%
HSV	43°, 10%, 68%
XYZ	37.1526, 39.2561, 36.6294
YIQ	168.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

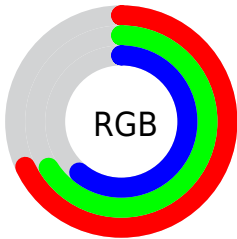
Format	Color
RYB	162, 173, 155
Decimal	11380891
CIELab	68.94, -0.52, 7.34
CIElCh	69, 7.363, 94.060
Yxy	39.2561, 0.3287, 0.3473
Android (android.graphics.Color)	4289570971 (0xFFADA89B)
YUV	168.0130, -6.4154, 4.3736
Hunter-Lab	62.6547, -3.7998, 9.1960

Details

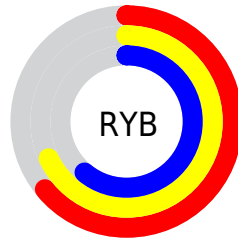
The XYZ color **37.1526, 39.2561, 36.6294** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6311, 35.1266, 44.5430**, and the grayscale version is **37.2548, 39.1949, 42.6833**.

A 20% lighter version of the original color is **69.8912, 73.8728, 70.8968**, and **16.6292, 17.5552, 15.6087** is the 20% darker color. If you saturate the color by 10%, you get **34.9327, 36.9770, 29.2276**, and if you desaturate by 10%, it is **39.6156, 41.6874, 45.1402**.

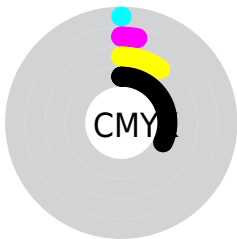
Distribution



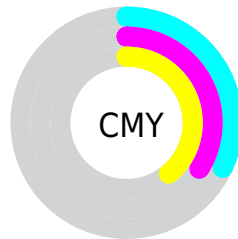
- Red (68%)
- Green (66%)
- Blue (61%)



- Red (64%)
- Yellow (68%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1526, 39.2561, 36.6294 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 37.1526, 39.2561, 36.6294 by changing the saturation by 10% instead.

■ 37.1526, 39.2561,
36.6294

■ 37.1526, 39.2561,
36.6294

325.3148,
342.9781, 346.8235

■ 25.4999, 26.9590,
24.6271

■ 70.1197, 74.0294,
71.1824

■ 16.5806, 17.5424,
15.5830

■ 92.1649, 97.2744,
94.5702

■ 10.0294, 10.6220,
9.0784

118.4048,
124.9375, 122.5903

■ 5.4808, 5.8133,
4.6949

149.2050,
157.4030, 155.6611

■ 2.5697, 2.7319,
2.0138

184.9307,
195.0555, 194.2013

■ 0.9305, 0.9934,
0.5637

225.9474,

■ 0.0000, 0.0000,

238.2792, 238.6295

0.0000

272.6203,
287.4586, 289.3640

■ 37.1526, 39.2561,
36.6294

■ 37.1526, 39.2561,
36.6294

■ 34.9327, 36.9770,
29.2276

■ 39.6156, 41.6874,
45.1402

■ 32.9436, 34.8407,
22.8858

■ 42.3271, 44.2698,
54.8012

■ 31.1764, 32.8445,
17.5550

■ 45.2963, 47.0088,
65.6546

■ 29.6207, 30.9835,
13.1814

■ 48.5311, 49.9080,
77.7398

■ 28.2649, 29.2526,
9.7060

■ 52.0388, 52.9709,
91.0942

■ 27.0962, 27.6461,
7.0634

■ 55.2084, 55.9536,
102.4981

■ 26.1002, 26.1575,
5.1792

■ 56.3149, 58.1666,
102.8669

■ 25.2598, 24.7795,
3.9657

■ 57.4564, 60.4498,
103.2474

■ 24.5648, 23.5465,
3.2502

■ 58.6334, 62.8036,
103.6397

Harmonies

Analogous

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



38.3052, 39.2561, 37.2038



37.1526, 39.2561, 36.6294



36.0651, 39.2561, 37.6215

Triad

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



37.1526, 39.2561, 36.6294



35.4777, 39.2561, 46.4566



39.3729, 39.2561, 45.6259

Complementary

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



37.1526, 39.2561, 36.6294



33.6311, 35.1266, 44.5430

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.



38.5868, 39.2561, 48.3099



37.1526, 39.2561, 36.6294



36.3357, 39.2561, 48.8069

Square

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



37.1526, 39.2561, 36.6294



35.1110, 39.2561, 43.2013



37.4713, 39.2561, 49.5021



39.6026, 39.2561, 42.2884

Rectangle

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



37.1526, 39.2561, 36.6294



35.5187, 39.2561, 39.0697



37.4713, 39.2561, 49.5021



39.1642, 39.2561, 46.6401

Sweetspot

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



37.1537, 39.2578, 36.6302



69.7387, 73.4812, 76.6098



35.3093, 34.8690, 38.1735



15.0785, 15.8934, 16.3801



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.1537, 39.2578, 36.6302



65.7905, 69.5515, 63.0646



37.2440, 40.7001, 36.9039



8.4719, 8.9486, 8.4941



18.0962, 17.3979, 2.4044



0.5462, 0.5696, 0.0811

Inverse Universe

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



33.6311, 35.1266, 44.5430



58.4772, 60.9747, 79.4930



33.5429, 33.8211, 44.2957



7.7531, 8.1057, 10.1086



6.3608, 3.8556, 29.4535



0.2233, 0.1999, 0.8348

Previews

White Background



This preview shows how the XYZ color 37.1526, 39.2561, 36.6294 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 37.1526, 39.2561, 36.6294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

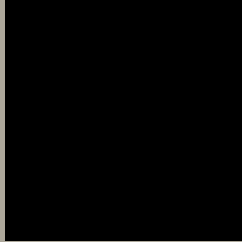
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

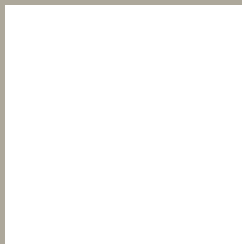
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1526, 39.2561, 36.6294

Background



This preview shows how black text looks on a background with the XYZ color 37.1526, 39.2561, 36.6294.

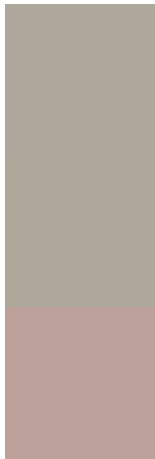


This preview shows how white text looks on a background with the XYZ color 37.1526, 39.2561,

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

37.1526, 39.2561, 36.6294

Protanopia

37.3746, 39.3705, 36.6398

Deuteranopia

39.9073, 39.0598, 36.8884



Tritanopia

39.3955, 39.3547, 47.6393

Trichromacy



Original Color

37.1526, 39.2561, 36.6294

Protanomaly

37.3746, 39.3705, 36.6398

Deuteranomaly

38.8046, 39.0185, 36.9386

Tritanomaly

38.5711, 39.2887, 43.5808

Monochromacy



Original Color

37.1526, 39.2561, 36.6294

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1911, 39.1957, 40.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1526, 39.2561, 36.6294 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(173, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 155)  
}
```

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(173, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.1526, 39.2561, 36.6294 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(173, 168, 155) }
```


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

```
.border{ border-color:rgb(173, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1526, 39.2561, 36.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 155) }
```

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

```
.background{ background-color: rgb(173,  
168, 155) }
```

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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