

Converting Colors

XYZ(37.6653, 39.7537, 37.3914)

Have a look what the booklet for
XYZ(37.6653, 39.7537, 37.3914)
contains.

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Color

**XYZ(37.7293, 39.8089,
37.5936)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA99D
RGB	174, 169, 157
RGB Percent	68%, 66%, 62%
CMY	0.3176, 0.3372, 0.3843
CMYK	0.00, 0.03, 0.10, 0.32
HSL	42°, 9%, 65%
HSV	42°, 10%, 68%
XYZ	37.7293, 39.8089, 37.5936
YIQ	169.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

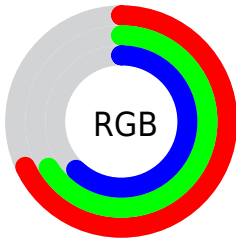
Format	Color
RYB	164, 174, 157
Decimal	11446685
CIELab	69.33, -0.35, 6.82
CIELCh	69, 6.828, 92.937
Yxy	39.8089, 0.3277, 0.3458
Android (android.graphics.Color)	4289636765 (0xFFAEA99D)
YUV	169.1270, -5.9786, 4.2736
Hunter-Lab	63.0943, -3.6751, 8.8391

Details

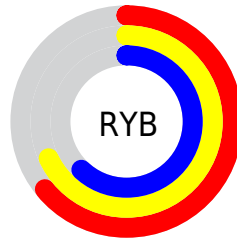
The XYZ color **37.7293, 39.8089, 37.5936** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4648, 36.0641, 45.1893**, and the grayscale version is **37.8021, 39.7707, 43.3103**.

A 20% lighter version of the original color is **71.1724, 74.8878, 72.9909**, and **16.9888, 17.9008, 16.1955** is the 20% darker color. If you saturate the color by 10%, you get **35.4158, 37.3921, 30.0078**, and if you desaturate by 10%, it is **40.2938, 42.3883, 46.3079**.

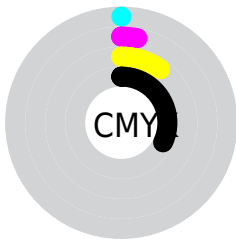
Distribution



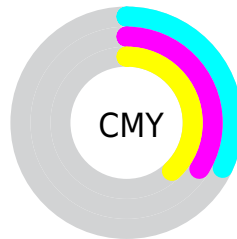
- Red (68%)
- Green (66%)
- Blue (62%)



- Red (64%)
- Yellow (68%)
- Blue (62%)



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



- Cyan (32%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7293, 39.8089, 37.5936 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 37.7293, 39.8089, 37.5936 by changing the saturation by 10% instead.

■ 37.7293, 39.8089,
37.5936

■ 37.7293, 39.8089,
37.5936

327.7583,
345.3175, 351.1192

■ 25.9489, 27.3896,
25.3680

■ 70.9996, 74.8724,
72.6813

■ 16.9179, 17.8660,
16.1300

■ 93.2203, 98.2854,
96.3805

■ 10.2709, 10.8538,
9.4608

119.6517,
126.1318, 124.7414

■ 5.6426, 5.9686,
4.9421

150.6593,
158.7958, 158.1824

■ 2.6676, 2.8260,
2.1552

186.6084,
196.6621, 197.1222

■ 0.9805, 1.0416,
0.6483

227.8643,

■ 0.0000, 0.0000,

240.1148, 241.9792

0.0000

274.7925,
289.5385, 293.1720

■ 37.7293, 39.8089,
37.5936

■ 37.7293, 39.8089,
37.5936

■ 35.4158, 37.3921,
30.0078

■ 40.2938, 42.3883,
46.3079

■ 33.3407, 35.1282,
23.5009

■ 43.1149, 45.1293,
56.1923

■ 31.4952, 33.0143,
18.0235

■ 46.2019, 48.0374,
67.2895

■ 29.8685, 31.0454,
13.5211

■ 49.5628, 51.1167,
79.6393

■ 28.4489, 29.2163,
9.9344

■ 53.2051, 54.3706,
93.2796

■ 27.2235, 27.5208,
7.1974

■ 56.0881, 57.3836,
102.7277

■ 26.1777, 25.9526,
5.2354

■ 57.2901, 59.7875,
103.1284

■ 25.2943, 24.5038,
3.9603

■ 58.5320, 62.2713,
103.5423

■ 24.5380, 23.1598,
3.1885

■ 59.8143, 64.8359,
103.9698

Harmonies

Analogous

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



38.8039, 39.8089, 38.1904



37.7293, 39.8089, 37.5936



36.7030, 39.8089, 38.4753

Triad

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



37.7293, 39.8089, 37.5936



36.0962, 39.8089, 46.7096



39.7447, 39.8089, 46.1490

Complementary

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



37.7293, 39.8089, 37.5936



34.4648, 36.0641, 45.1893

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.



38.9944, 39.8089, 48.6094



37.7293, 39.8089, 37.5936



36.8866, 39.8089, 48.9440

Square

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



37.7293, 39.8089, 37.5936



35.7717, 39.8089, 43.6551



37.9452, 39.8089, 49.6552



39.9807, 39.8089, 43.0366

Rectangle

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



37.7293, 39.8089, 37.5936



36.1806, 39.8089, 39.8090



37.9452, 39.8089, 49.6552



39.5436, 39.8089, 47.0847

Sweetspot

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



37.7304, 39.8106, 37.5945



71.5112, 75.3204, 78.5777



36.0435, 35.7253, 39.2255



15.8105, 16.6571, 17.1794



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.



37.7304, 39.8106, 37.5945



67.3722, 71.1142, 64.6452



37.9299, 41.3199, 37.8753



8.4609, 8.9265, 8.4904



17.8384, 16.8824, 2.3184



0.5405, 0.5582, 0.0793

Inverse Universe

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



34.4648, 36.0641, 45.1893



60.0897, 62.7592, 81.5835



34.2748, 34.6854, 44.9332



7.7636, 8.1266, 10.1121



6.4502, 4.0343, 29.4832



0.2274, 0.2081, 0.8362

Previews

White Background



This preview shows how the XYZ color 37.7293, 39.8089, 37.5936 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 37.7293, 39.8089, 37.5936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

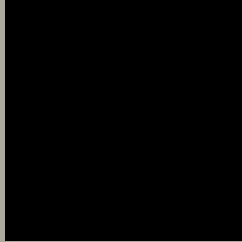
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7293, 39.8089, 37.5936

Background



This preview shows how black text looks on a background with the XYZ color 37.7293, 39.8089, 37.5936.

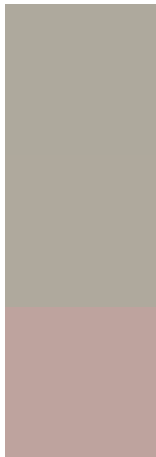


This preview shows how white text looks on a background with the XYZ color 37.7293, 39.8089,

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

37.7293, 39.8089, 37.5936

Protanopia

37.9530, 39.9242, 37.6041

Deuteranopia

40.5040, 39.6102, 37.8585



Tritanopia

39.9044, 39.8742, 48.2411

Trichromacy



Original Color

37.7293, 39.8089, 37.5936

Protanomaly

37.9530, 39.9242, 37.6041

Deuteranomaly

39.3939, 39.5692, 37.9091

Tritanomaly

39.0739, 39.8078, 44.1523

Monochromacy



Original Color

37.7293, 39.8089, 37.5936

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.7741, 39.7505, 41.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7293, 39.8089, 37.5936 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(174, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 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(174, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.7293, 39.8089, 37.5936 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(174, 169, 157) }
```


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

```
.border{ border-color:rgb(174, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7293, 39.8089, 37.5936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 157) }
```

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

```
.background{ background-color: rgb(174,  
169, 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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