

Converting Colors

XYZ(36.6878, 37.1413, 39.6973)

Have a look what the booklet for
XYZ(36.6878, 37.1413, 39.6973)
contains.

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Color

**XYZ(36.5893, 37.0183,
39.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA1A3
RGB	173, 161, 163
RGB Percent	68%, 63%, 64%
CMY	0.3216, 0.3686, 0.3608
CMYK	0.00, 0.07, 0.06, 0.32
HSL	350°, 7%, 65%
HSV	350°, 7%, 68%
XYZ	36.5893, 37.0183, 39.8671
YIQ	164.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

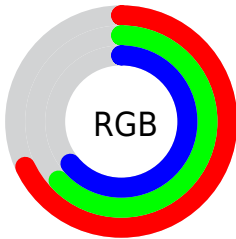
Format	Color
RYB	173, 161, 163
Decimal	11379107
CIELab	67.29, 4.71, 0.52
CIELCh	67, 4.744, 6.341
Yxy	37.0183, 0.3224, 0.3262
Android (android.graphics.Color)	4289569187 (0xFFADA1A3)
YUV	164.8160, -0.8953, 7.1774
Hunter-Lab	60.8427, 0.8709, 3.7401

Details

The XYZ color **36.5893, 37.0183, 39.8671** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9936, 40.4054, 44.3793**, and the grayscale version is **35.6788, 37.5369, 40.8777**.

A 20% lighter version of the original color is **69.2057, 70.6677, 76.3224**, and **16.3303, 16.3645, 17.3369** is the 20% darker color. If you saturate the color by 10%, you get **32.5537, 30.8979, 32.5067**, and if you desaturate by 10%, it is **41.1927, 44.0375, 48.1446**.

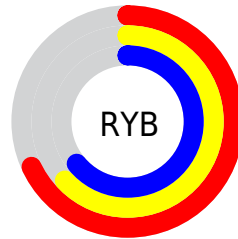
Distribution



Red (68%)

Green (63%)

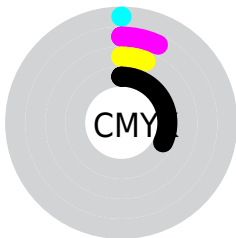
Blue (64%)



Red (68%)

Yellow (63%)

Blue (64%)

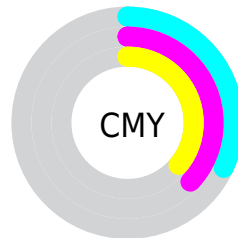


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5893, 37.0183, 39.8671 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 36.5893, 37.0183, 39.8671 by changing the saturation by 10% instead.

■ 36.5893, 37.0183,
39.8671

■ 36.5893, 37.0183,
39.8671

322.9155,
333.3897, 361.0985

■ 25.0619, 25.2217,
27.1219

■ 69.2586, 70.6009,
76.1960

■ 16.2521, 16.2423,
17.4316

■ 91.1312, 93.1557,
100.6168

■ 9.7947, 9.6958,
10.3775

117.1829,
120.0653, 129.7665

■ 5.3243, 5.1977,
5.5411

147.7791,
151.7142, 164.0638

■ 2.4755, 2.3637,
2.5039

183.2851,
188.4866, 203.9270

■ 0.8829, 0.8071,
0.8422

224.0662,

■ 0.0000, 0.0000,

230.7671, 249.7749

0.0000

270.4879,
278.9400, 302.0259

■ 36.5893, 37.0183,
39.8671

■ 36.5893, 37.0183,
39.8671

■ 32.5537, 30.8979,
32.5067

■ 41.1927, 44.0375,
48.1446

■ 29.0607, 25.6353,
26.0294

■ 46.3815, 51.9847,
57.3668

■ 26.0879, 21.1936,
20.4025

■ 52.1765, 60.8938,
67.5633

■ 23.6102, 17.5312,
15.5904

■ 58.5964, 70.7954,
78.7615

■ 21.6003, 14.6030,
11.5550

■ 65.6593, 81.7190,
90.9879

■ 20.0282, 12.3593,
8.2551

■ 70.1744, 87.2766,
103.1984

■ 18.8604, 10.7439,
5.6456

■ 71.0438, 87.6243,
107.7765

■ 18.0584, 9.6919,
3.6763

■ 17.5689, 9.1105,
2.2874

Harmonies

Analogous

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



36.4778, 37.0183, 41.9310



36.5893, 37.0183, 39.8671



36.3203, 37.0183, 37.9856

Triad

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



36.5893, 37.0183, 39.8671



34.3647, 37.0183, 37.1739



34.6280, 37.0183, 44.0772

Complementary

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



36.5893, 37.0183, 39.8671



36.9936, 40.4054, 44.3793

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.



34.0732, 37.0183, 42.7203



36.5893, 37.0183, 39.8671



33.9227, 37.0183, 38.7248

Square

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



36.5893, 37.0183, 39.8671



35.0310, 37.0183, 36.4655



33.8167, 37.0183, 40.7494



35.3390, 37.0183, 44.4085

Rectangle

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



36.5893, 37.0183, 39.8671



35.9635, 37.0183, 37.0724



33.8167, 37.0183, 40.7494



34.4174, 37.0183, 43.7237

Sweetspot

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



36.5903, 37.0199, 39.8679



69.4405, 72.2538, 78.4552



37.0834, 37.1664, 44.7550



15.1112, 15.7332, 17.0865



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.



36.5903, 37.0199, 39.8679



64.6066, 64.8950, 69.7260



37.1229, 38.3691, 39.1695



8.0576, 8.0363, 8.6142



12.8366, 6.5972, 1.5190



0.3731, 0.1899, 0.1267

Inverse Universe

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



36.5903, 37.0199, 39.8679



64.6066, 64.8950, 69.7260



36.4300, 38.9713, 45.1378



8.0576, 8.0363, 8.6142



12.8366, 6.5972, 1.5190



0.3731, 0.1899, 0.1267

Previews

White Background



This preview shows how the XYZ color 36.5893, 37.0183, 39.8671 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 36.5893, 37.0183, 39.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

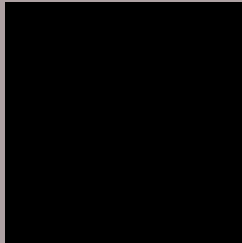
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5893, 37.0183, 39.8671

Background



This preview shows how black text looks on a background with the XYZ color 36.5893, 37.0183, 39.8671.



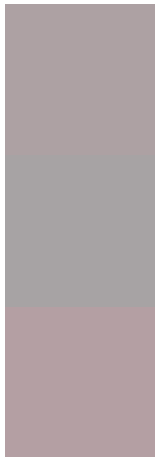
This preview shows how white text looks on a background with the XYZ color 36.5893, 37.0183,

39.8671.

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

36.5893, 37.0183, 39.8671

Protanopia

35.7344, 37.0902, 40.3977

Deuteranopia

37.8314, 37.1439, 39.8259



Tritanopia

37.4728, 37.1188, 44.2194

Trichromacy



Original Color

36.5893, 37.0183, 39.8671

Protanomaly

35.9834, 36.9560, 40.3587

Deuteranomaly

37.3131, 37.1331, 39.8511

Tritanomaly

37.1878, 37.0049, 42.7188

Monochromacy



Original Color

36.5893, 37.0183, 39.8671

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.1247, 37.5561, 40.4670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5893, 37.0183, 39.8671 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, 161, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 163)  
}
```

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, 161, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.5893, 37.0183, 39.8671 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, 161, 163) }
```


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

```
.border{ border-color:rgb(173, 161, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5893, 37.0183, 39.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 163) }
```

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

```
.background{ background-color: rgb(173,  
161, 163) }
```

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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