

Converting Colors

XYZ(37.8966, 33.6799, 36.4892)

Have a look what the booklet for
XYZ(37.8966, 33.6799, 36.4892)
contains.

XYZ(37.7973, 33.5873, 36.3892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.7973, 33.5873,
36.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	C0909D
RGB	192, 144, 157
RGB Percent	75%, 56%, 62%
CMY	0.2471, 0.4353, 0.3843
CMYK	0.00, 0.25, 0.18, 0.25
HSL	344°, 28%, 66%
HSV	344°, 25%, 75%
XYZ	37.7973, 33.5873, 36.3892
YIQ	159.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

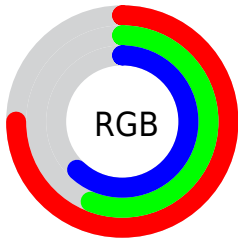
Format	Color
RYB	192, 144, 157
Decimal	12619933
CIELab	64.63, 20.13, 0.23
CIElCh	65, 20.129, 0.656
Yxy	33.5873, 0.3507, 0.3116
Android (android.graphics.Color)	4290810013 (0xFFC0909D)
YUV	159.8340, -1.3972, 28.2096
Hunter-Lab	57.9546, 14.9952, 3.3405

Details

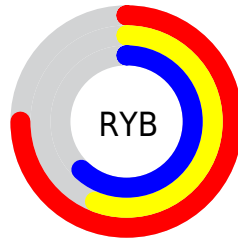
The XYZ color **37.7973, 33.5873, 36.3892** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4893, 46.8841, 49.6710**, and the grayscale version is **33.3363, 35.0724, 38.1938**.

A 20% lighter version of the original color is **71.0189, 65.2311, 70.4758**, and **16.9971, 14.2726, 15.4947** is the 20% darker color. If you saturate the color by 10%, you get **34.0052, 27.8075, 29.5618**, and if you desaturate by 10%, it is **42.2228, 40.4141, 44.1045**.

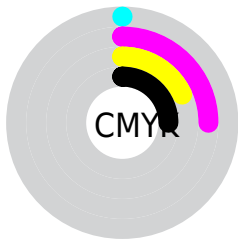
Distribution



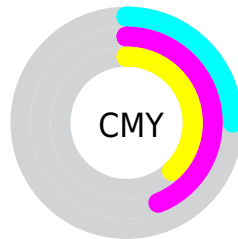
- Red (75%)
- Green (56%)
- Blue (62%)



- Red (75%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7973, 33.5873, 36.3892 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 37.7973, 33.5873, 36.3892 by changing the saturation by 10% instead.

 37.7973, 33.5873,
36.3892


 37.7973, 33.5873,
36.3892


328.0456,
318.2879, 345.7472

 26.0019, 22.5767,
24.4429


 71.1032, 65.2914,
70.8082

 16.9578, 14.2813,
15.4472


 93.3445, 86.7537,
94.1179

 10.2995, 8.3166,
8.9838


119.7984,
112.4687, 122.0524

 5.6618, 4.2982,
4.6339

150.8304,
142.8207, 155.0304

 2.6792, 1.8417,
1.9792

186.8057,
178.1943, 193.4703

 0.9865, 0.5130,
0.5424

228.0898,

 0.0000, 0.0000,

218.9738, 237.7907

0.0000

275.0480,
265.5435, 288.4102

■ 37.7973, 33.5873,
36.3892

■ 37.7973, 33.5873,
36.3892

■ 34.0052, 27.8075,
29.5618

■ 42.2228, 40.4141,
44.1045

■ 30.8141, 23.0182,
23.5874

■ 47.3066, 48.3314,
52.7363

■ 28.1930, 19.1647,
18.4323

■ 53.0756, 57.3861,
62.3146

■ 26.1065, 16.1847,
14.0591

■ 59.5543, 67.6208,
72.8675

■ 24.5156, 14.0089,
10.4278

■ 66.7659, 79.0760,
84.4218

■ 23.3754, 12.5567,
7.4941

■ 73.3766, 89.0779,
96.5512

■ 22.6319, 11.7307,
5.2083

■ 75.5484, 89.9465,
107.9873

■ 22.3580, 11.4544,
4.2802

Harmonies

Analogous

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



37.0068, 33.5873, 44.9206



37.7973, 33.5873, 36.3892



36.9368, 33.5873, 29.0546

Triad

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



37.7973, 33.5873, 36.3892



29.1783, 33.5873, 24.5373



29.2821, 33.5873, 52.2388

Complementary

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



37.7973, 33.5873, 36.3892



38.4893, 46.8841, 49.6710

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.



27.3861, 33.5873, 45.2830



37.7973, 33.5873, 36.3892



27.3288, 33.5873, 29.3258

Square

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



37.7973, 33.5873, 36.3892



31.8602, 33.5873, 22.8756



26.6925, 33.5873, 36.7531



31.9873, 33.5873, 54.8653

Rectangle

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



37.7973, 33.5873, 36.3892



35.5708, 33.5873, 25.6103



26.6925, 33.5873, 36.7531



28.5349, 33.5873, 50.2825

Sweetspot

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



37.7982, 33.5888, 36.3899



83.6669, 84.3710, 92.1065



37.9409, 33.2663, 54.2909



17.8255, 17.9071, 19.5509



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.7982, 33.5888, 36.3899



64.5813, 54.8888, 58.9573



38.3951, 36.4650, 31.4022



10.1827, 10.1217, 11.0528



15.0728, 7.7189, 3.0295



0.6812, 0.3455, 0.2885

Inverse Universe

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



37.7982, 33.5888, 36.3899



64.5813, 54.8888, 58.9573



37.6634, 43.0284, 56.1898



10.1827, 10.1217, 11.0528



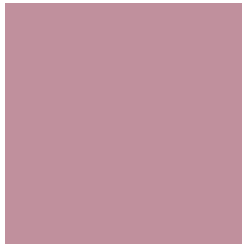
15.0728, 7.7189, 3.0295



0.6812, 0.3455, 0.2885

Previews

White Background



This preview shows how the XYZ color 37.7973, 33.5873, 36.3892 looks on a white background.

Color Contrast Check

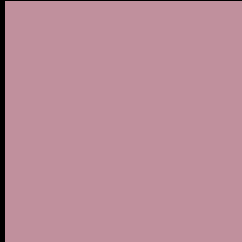
Large Text (above 18pt) WCAG AA × Fail

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 37.7973, 33.5873, 36.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

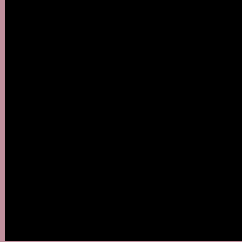
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7973, 33.5873, 36.3892

Background



This preview shows how black text looks on a background with the XYZ color 37.7973, 33.5873, 36.3892.



This preview shows how white text looks on a background with the XYZ color 37.7973, 33.5873,

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

37.7973, 33.5873, 36.3892

Protanopia

32.6899, 33.7264, 39.9089

Deuteranopia

34.4626, 33.7410, 36.1488



Tritanopia

37.6279, 33.5195, 35.4971

Trichromacy



Original Color

37.7973, 33.5873, 36.3892

Protanomaly

34.2388, 33.5757, 38.3944

Deuteranomaly

35.5706, 33.5985, 36.0629

Tritanomaly

37.7122, 33.5533, 35.9413

Monochromacy



Original Color

37.7973, 33.5873, 36.3892

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.8269, 34.3851, 37.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7973, 33.5873, 36.3892 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(192, 144, 157)` looks like.

```
.text, #text, p{  
    color:rgb(192, 144, 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(192, 144, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 144, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.7973, 33.5873, 36.3892 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(192, 144, 157) }
```


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

```
.border{ border-color:rgb(192, 144, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 144, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 144, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 144, 157);  
box-shadow:4px 4px 4px 4px rgb(192, 144,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7973, 33.5873, 36.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 144, 157) }
```

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

```
.background{ background-color: rgb(192,  
144, 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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