

Converting Colors

XYZ(37.2850, 36.1243, 40.0932)

Have a look what the booklet for
XYZ(37.2850, 36.1243, 40.0932)
contains.

XYZ(37.1797, 36.0410, 40.1190)	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(37.1797, 36.0410,
40.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	B39CA4
RGB	179, 156, 164
RGB Percent	70%, 61%, 64%
CMY	0.2980, 0.3882, 0.3569
CMYK	0.00, 0.13, 0.08, 0.30
HSL	339°, 13%, 66%
HSV	339°, 13%, 70%
XYZ	37.1797, 36.0410, 40.1190
YIQ	163.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

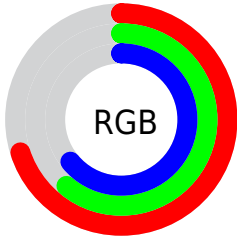
Format	Color
R _Y B	179, 156, 164
Decimal	11771044
CIE Lab	66.55, 9.85, -1.05
CIE LCh	67, 9.904, 353.904
Yxy	36.0410, 0.3280, 0.3180
Android (android.graphics.Color)	4289961124 (0xFFB39CA4)
YUV	163.7890, 0.1040, 13.3400
Hunter-Lab	60.0342, 5.4869, 2.4022

Details

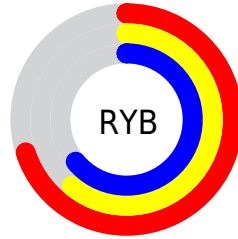
The XYZ color **37.1797, 36.0410, 40.1190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1825, 42.2493, 44.7253**, and the grayscale version is **35.1830, 37.0152, 40.3096**.

A 20% lighter version of the original color is **70.3414, 69.3652, 76.6993**, and **16.5804, 15.7086, 17.4874** is the 20% darker color. If you saturate the color by 10%, you get **33.3882, 30.0684, 33.8898**, and if you desaturate by 10%, it is **41.5127, 42.9408, 47.0072**.

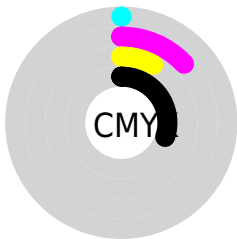
Distribution



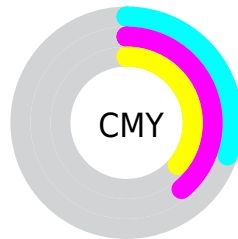
- Red (70%)
- Green (61%)
- Blue (64%)



- Red (70%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (30%)





- Cyan (30%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1797, 36.0410, 40.1190 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 37.1797, 36.0410, 40.1190 by changing the saturation by 10% instead.


 37.1797, 36.0410,
40.1190


 37.1797, 36.0410,
40.1190

325.4299,
329.1397, 362.1919

 25.5210, 24.4659,
27.3168


 70.1611, 69.0953,
76.5838

 16.5964, 15.6796,
17.5768


 92.2145, 91.3433,
101.0834

 10.0407, 9.2977,
10.4803


118.4635,
117.9177, 130.3194

 5.4884, 4.9359,
5.6088

149.2735,
149.2030, 164.7101

 2.5743, 2.2097,
2.5438

185.0097,
185.5834, 204.6742

 0.9329, 0.7253,
0.8632

226.0376,

 0.0000, 0.0000,

227.4434, 250.6302

0.0000

272.7226,
275.1673, 302.9965

■ 37.1797, 36.0410,
40.1190

■ 37.1797, 36.0410,
40.1190

■ 33.3882, 30.0684,
33.8898

■ 41.5127, 42.9408,
47.0072

■ 30.1134, 24.9786,
28.2972

■ 46.4047, 50.8003,
54.5713

■ 27.3327, 20.7307,
23.3208

■ 51.8763, 59.6561,
62.8303

■ 25.0209, 17.2788,
18.9383

■ 57.9460, 69.5416,
71.8019

■ 23.1503, 14.5722,
15.1258

■ 64.6316, 80.4887,
81.5031

■ 21.6904, 12.5547,
11.8575

■ 69.2097, 87.0474,
91.0369

■ 20.6062, 11.1617,
9.1055

■ 70.9437, 87.7410,
100.1681

■ 19.8564, 10.3164,
6.8383

■ 72.4006, 88.3238,
107.8400

■ 19.4668, 9.9343,
5.4843

Harmonies

Analogous

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



36.6197, 36.0410, 44.2696



37.1797, 36.0410, 40.1190



36.9382, 36.0410, 36.0157

Triad

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



37.1797, 36.0410, 40.1190



33.1098, 36.0410, 32.2192



32.5981, 36.0410, 46.2414

Complementary

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



37.1797, 36.0410, 40.1190



37.1825, 42.2493, 44.7253

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.



31.7067, 36.0410, 42.6565



37.1797, 36.0410, 40.1190



31.9961, 36.0410, 34.6112

Square

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



37.1797, 36.0410, 40.1190



34.5606, 36.0410, 31.6471



31.4895, 36.0410, 38.3789



33.9530, 36.0410, 47.9652

Rectangle

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



37.1797, 36.0410, 40.1190



36.3585, 36.0410, 33.8313



31.4895, 36.0410, 38.3789



32.2359, 36.0410, 45.2020

Sweetspot

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



37.1807, 36.0426, 40.1198



73.3476, 75.3064, 82.6182



36.8101, 35.6857, 47.5961



16.1159, 16.4697, 18.0928



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.1807, 36.0426, 40.1198



64.8679, 61.8275, 69.0617



37.0680, 36.9369, 36.6303



8.6143, 8.5524, 9.4674



13.7842, 7.0312, 4.0235



0.4619, 0.2325, 0.2752

Inverse Universe

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



37.1807, 36.0426, 40.1198



64.8679, 61.8275, 69.0617



37.2854, 41.1980, 48.6351



8.6143, 8.5524, 9.4674



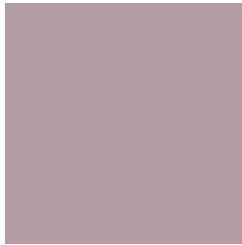
13.7842, 7.0312, 4.0235



0.4619, 0.2325, 0.2752

Previews

White Background



This preview shows how the XYZ color 37.1797, 36.0410, 40.1190 looks on a white background.

Color Contrast Check

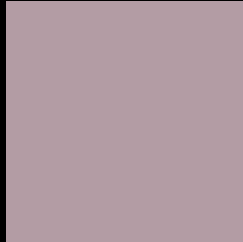
Large Text (above 18pt) WCAG AA × Fail

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 37.1797, 36.0410, 40.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

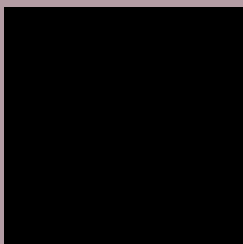
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1797, 36.0410, 40.1190

Background



This preview shows how black text looks on a background with the XYZ color 37.1797, 36.0410, 40.1190.



This preview shows how white text looks on a background with the XYZ color 37.1797, 36.0410,

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

37.1797, 36.0410, 40.1190

Protanopia

34.8242, 36.0663, 41.6853

Deuteranopia

36.8893, 36.1414, 40.1537



Tritanopia

37.3796, 35.8535, 41.9961

Trichromacy



Original Color

37.1797, 36.0410, 40.1190

Protanomaly

35.6433, 35.9845, 41.1435

Deuteranomaly

37.1179, 36.2593, 40.1644

Tritanomaly

37.2868, 35.8164, 41.5072

Monochromacy



Original Color

37.1797, 36.0410, 40.1190

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8079, 36.6051, 40.3002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1797, 36.0410, 40.1190 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(179, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 164)  
}
```

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(179, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.1797, 36.0410, 40.1190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

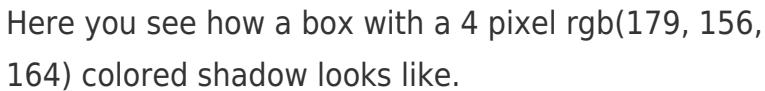
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 156, 164) }
```


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

```
.border{ border-color:rgb(179, 156, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 156, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 156, 164); box-shadow:4px 4px 4px 4px rgb(179, 156, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1797, 36.0410, 40.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 164) }
```

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

```
.background{ background-color: rgb(179,  
156, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor