

Converting Colors

XYZ(39.5754, 37.3590, 36.5817)

Have a look what the booklet for
XYZ(39.5754, 37.3590, 36.5817)
contains.

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Color

**XYZ(39.6274, 37.3837,
36.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	C09C9C
RGB	192, 156, 156
RGB Percent	75%, 61%, 61%
CMY	0.2471, 0.3882, 0.3882
CMYK	0.00, 0.19, 0.19, 0.25
HSL	0°, 22%, 68%
HSV	0°, 19%, 75%
XYZ	39.6274, 37.3837, 36.5797
YIQ	166.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

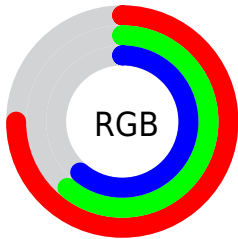
Format	Color
R_{YB}	192, 156, 156
Decimal	12623004
CIE _{Lab}	67.56, 13.34, 5.04
CIE _{LCh}	68, 14.259, 20.703
Yxy	37.3837, 0.3489, 0.3291
Android (android.graphics.Color)	4290813084 (0xFFC09C9C)
YUV	166.7640, -5.3067, 22.1320
Hunter-Lab	61.1422, 8.6903, 7.3280

Details

The XYZ color **39.6274, 37.3837, 36.5797** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0739, 48.5716, 57.0271**, and the grayscale version is **36.6343, 38.5421, 41.9724**.

A 20% lighter version of the original color is **73.9940, 71.3814, 70.8509**, and **18.0826, 16.5263, 15.6014** is the 20% darker color. If you saturate the color by 10%, you get **35.1576, 30.8434, 27.6926**, and if you desaturate by 10%, it is **44.8654, 45.0486, 46.9917**.

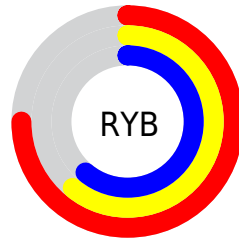
Distribution



Red (75%)

Green (61%)

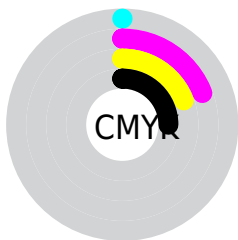
Blue (61%)



Red (75%)

Yellow (61%)

Blue (61%)

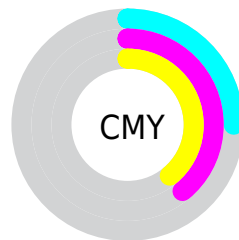


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6274, 37.3837, 36.5797 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 39.6274, 37.3837, 36.5797 by changing the saturation by 10% instead.

■ 39.6274, 37.3837,
36.5797

■ 39.6274, 37.3837,
36.5797

335.7120,
334.9688, 346.6010

■ 27.4311, 25.5047,
24.5890

■ 73.8838, 71.1625,
71.1050

■ 18.0355, 16.4535,
15.5549

■ 96.6745, 93.8311,
94.4766

■ 11.0753, 9.8456,
9.0588

123.7274,
120.8651, 122.4790

■ 6.1852, 5.2967,
4.6822

155.4078,
152.6488, 155.5307

■ 2.9997, 2.4224,
2.0066

192.0812,
189.5666, 194.0502

■ 1.1536, 0.8374,
0.5593

234.1127,

■ 0.0693, 0.0000,

232.0030, 238.4561

0.0000

281.8679,
280.3422, 289.1668

■ 0.0000, 0.0000,
0.0000

■ 39.6274, 37.3837,
36.5797

■ 39.6274, 37.3837,
36.5797

■ 35.1576, 30.8434,
27.6926

■ 44.8654, 45.0486,
46.9917

■ 31.4171, 25.3699,
20.2566

■ 50.9022, 53.8819,
58.9929

■ 28.3681, 20.9083,
14.1954

■ 57.7703, 63.9317,
72.6469

■ 25.9682, 17.3966,
9.4248

■ 65.4994, 75.2414,
88.0129

■ 24.1705, 14.7660,
5.8513

■ 74.1181, 87.8527,
105.1474

■ 22.9217, 12.9384,
3.3689

■ 75.5483, 89.9465,
107.9873

■ 22.1590, 11.8222,
1.8530

■ 21.7777, 11.2643,
1.0954

■ 21.7385, 11.2069,
1.0174

Harmonies

Analogous

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



39.8613, 37.3837, 42.6882



39.6274, 37.3837, 36.5797



38.2722, 37.3837, 32.0499

Triad

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



39.6274, 37.3837, 36.5797



32.3655, 37.3837, 33.5202



34.8547, 37.3837, 53.8338

Complementary

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



39.6274, 37.3837, 36.5797



42.0739, 48.5716, 57.0271

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.



32.9260, 37.3837, 50.7917



39.6274, 37.3837, 36.5797



31.5282, 37.3837, 38.7832

Square

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



39.6274, 37.3837, 36.5797



34.0610, 37.3837, 30.4139



31.7291, 37.3837, 45.1283



37.0449, 37.3837, 53.0882

Rectangle

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



39.6274, 37.3837, 36.5797



36.9449, 37.3837, 30.3304



31.7291, 37.3837, 45.1283



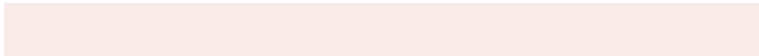
34.1558, 37.3837, 53.2095

Sweetspot

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



39.6284, 37.3854, 36.5805



84.0522, 85.6620, 90.6305



43.1414, 38.7896, 55.0827



17.8834, 18.1599, 19.1478



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.



39.6284, 37.3854, 36.5805



68.7289, 63.2399, 60.1676



42.8753, 43.8792, 37.6628



10.0733, 10.0781, 10.4762



14.6277, 7.5411, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



42.0739, 48.5716, 57.0271



73.8780, 86.7932, 103.2193



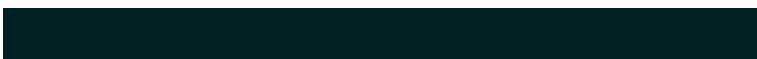
38.3612, 41.1462, 55.7895



10.3685, 11.4283, 12.9442



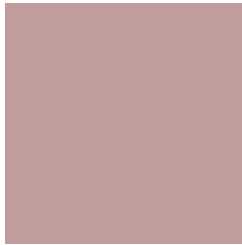
19.0832, 27.9228, 37.9405



0.8246, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 39.6274, 37.3837, 36.5797 looks on a white background.

Color Contrast Check

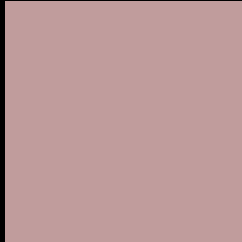
Large Text (above 18pt) WCAG AA × Fail

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 39.6274, 37.3837, 36.5797 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 39.6274, 37.3837, 36.5797

Background



This preview shows how black text looks on a background with the XYZ color 39.6274, 37.3837, 36.5797.



This preview shows how white text looks on a background with the XYZ color 39.6274, 37.3837,

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

39.6274, 37.3837, 36.5797

Protanopia

35.9828, 37.5240, 38.6041

Deuteranopia

38.0817, 37.3532, 36.2131



Tritanopia

40.4309, 37.2018, 41.1261

Trichromacy



Original Color

39.6274, 37.3837, 36.5797

Protanomaly

37.1343, 37.3401, 38.0510

Deuteranomaly

38.6368, 37.3851, 36.1900

Tritanomaly

40.2353, 37.3888, 39.2785

Monochromacy



Original Color

39.6274, 37.3837, 36.5797

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.6125, 38.0688, 40.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6274, 37.3837, 36.5797 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.6274, 37.3837, 36.5797 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, 156, 156) }
```


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

```
.border{ border-color:rgb(192, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6274, 37.3837, 36.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 156) }
```

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

```
.background{ background-color: rgb(192,  
156, 156) }
```

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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