

Converting Colors

XYZ(41.5249, 37.6810, 33.9387)

Have a look what the booklet for
XYZ(41.5249, 37.6810, 33.9387)
contains.

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Color

**XYZ(41.5249, 37.6810,
33.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9996
RGB	203, 153, 150
RGB Percent	80%, 60%, 59%
CMY	0.2039, 0.4000, 0.4118
CMYK	0.00, 0.25, 0.26, 0.20
HSL	3°, 34%, 69%
HSV	3°, 26%, 80%
XYZ	41.5249, 37.6810, 33.9387
YIQ	167.6080, 30.7630, 9.6670

Conversions

Conversions Part 2

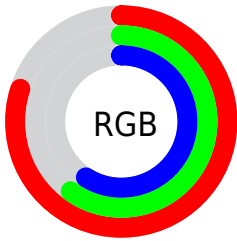
Format	Color
R _Y B	203, 153, 150
Decimal	13343126
CIE Lab	67.78, 18.26, 8.85
CIE LCh	68, 20.288, 25.869
Yxy	37.6810, 0.3670, 0.3330
Android (android.graphics.Color)	4291533206 (0xFFFCB9996)
YUV	167.6080, -8.6807, 31.0388
Hunter-Lab	61.3849, 13.3261, 10.1889

Details

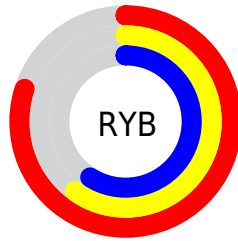
The XYZ color **41.5249, 37.6810, 33.9387** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0109, 52.1029, 64.2375**, and the grayscale version is **37.0588, 38.9888, 42.4588**.

A 20% lighter version of the original color is **74.6950, 70.7314, 66.8424**, and **19.2162, 16.6995, 14.0149** is the 20% darker color. If you saturate the color by 10%, you get **37.1431, 31.3106, 25.0999**, and if you desaturate by 10%, it is **46.6949, 45.1742, 44.4381**.

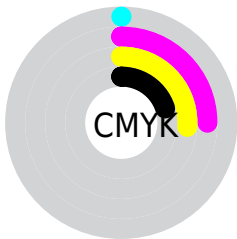
Distribution



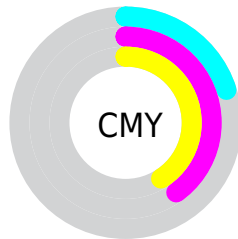
- Red (80%)
- Green (60%)
- Blue (59%)



- Red (80%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5249, 37.6810, 33.9387 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 41.5249, 37.6810, 33.9387 by changing the saturation by 10% instead.


 41.5249, 37.6810,
33.9387


 41.5249, 37.6810,
33.9387


343.5349,
336.2496, 334.6194

 28.9189, 25.7352,
22.5695


 76.7498, 71.6189,
66.9711

 19.1635, 16.6256,
14.0737


 100.0994, 94.3798,
89.4715

 11.8932, 9.9679,
8.0326


127.7609,
121.5146, 116.5193

 6.7427, 5.3777,
4.0277

160.0997,
153.4076, 148.5331

 3.3466, 2.4705,
1.6406

197.4812,
190.4432, 185.9315

 1.3396, 0.8618,
0.3195

240.2706,

 0.2126, 0.0000,

233.0057, 229.1330

0.0000

288.8334,
281.4798, 278.5561

■ 0.0000, 0.0000,
0.0000

■ 41.5249, 37.6810,
33.9387

■ 41.5249, 37.6810,
33.9387

■ 37.1431, 31.3106,
25.0999

■ 46.6949, 45.1742,
44.4381

■ 33.5080, 26.0039,
17.8346

■ 52.6860, 53.8350,
56.6748

■ 30.5787, 21.7046,
12.0512

■ 59.5329, 63.7122,
70.7231

■ 28.3093, 18.3490,
7.6475

■ 67.2674, 74.8503,
86.6526

■ 26.6485, 15.8660,
4.5087

■ 75.9197, 87.2916,
104.5293

■ 25.5373, 14.1746,
2.5012

■ 78.4387, 91.4366,
108.1226

■ 24.9042, 13.1783,
1.4579

■ 24.7543, 12.9477,
1.1945

Harmonies

Analogous

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



42.1785, 37.6810, 42.2862



41.5249, 37.6810, 33.9387



39.3092, 37.6810, 28.3183

Triad

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



41.5249, 37.6810, 33.9387



31.0471, 37.6810, 32.0732



35.3816, 37.6810, 60.7976

Complementary

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



41.5249, 37.6810, 33.9387



44.0109, 52.1029, 64.2375

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.



32.5336, 37.6810, 57.0650



41.5249, 37.6810, 33.9387



30.1255, 37.6810, 39.7954

Square

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



41.5249, 37.6810, 33.9387



33.2452, 37.6810, 27.3568



30.6535, 37.6810, 49.0420



38.5133, 37.6810, 58.6308

Rectangle

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



41.5249, 37.6810, 33.9387



37.3086, 37.6810, 26.4443



30.6535, 37.6810, 49.0420



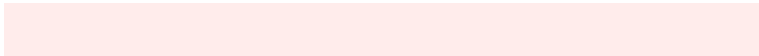
34.3611, 37.6810, 60.1782

Sweetspot

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



41.5259, 37.6828, 33.9395



86.1030, 87.0857, 90.5657



46.0016, 38.6962, 59.9032



18.0920, 18.1521, 18.6945



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.5259, 37.6828, 33.9395



65.4798, 57.2092, 48.6397



46.2842, 47.1993, 35.5256



11.2625, 11.3140, 11.6697



15.7755, 8.2839, 0.7675



0.8321, 0.4639, 0.0457

Inverse Universe

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



44.0109, 52.1029, 64.2375



70.2905, 85.1388, 107.3365



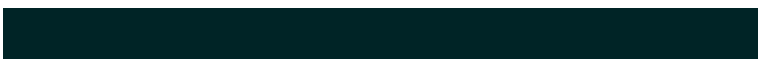
38.4647, 41.0105, 62.3887



11.4867, 12.6138, 14.3997



18.8082, 26.6404, 40.1071



0.9873, 1.4083, 2.0747

Previews

White Background



This preview shows how the XYZ color 41.5249, 37.6810, 33.9387 looks on a white background.

Color Contrast Check

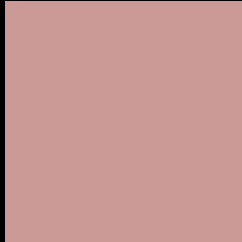
Large Text (above 18pt) WCAG AA × Fail

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 41.5249, 37.6810, 33.9387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

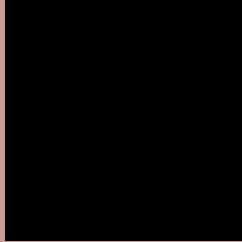
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5249, 37.6810, 33.9387

Background



This preview shows how black text looks on a background with the XYZ color 41.5249, 37.6810, 33.9387.



This preview shows how white text looks on a background with the XYZ color 41.5249, 37.6810,

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

41.5249, 37.6810, 33.9387

Protanopia

36.2505, 37.9685, 36.8705

Deuteranopia

38.5620, 37.6576, 33.6700



Tritanopia

42.5793, 37.6149, 39.6666

Trichromacy



Original Color

41.5249, 37.6810, 33.9387

Protanomaly

38.1060, 37.8901, 35.8770

Deuteranomaly

39.4741, 37.6213, 33.6149

Tritanomaly

42.3016, 37.7625, 37.4071

Monochromacy



Original Color

41.5249, 37.6810, 33.9387

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5863, 38.5914, 39.1334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5249, 37.6810, 33.9387 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(203, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 150)  
}
```

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(203, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.5249, 37.6810, 33.9387 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(203, 153, 150) }
```


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

```
.border{ border-color:rgb(203, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5249, 37.6810, 33.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 150) }
```

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

```
.background{ background-color: rgb(203,  
153, 150) }
```

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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