

Converting Colors

XYZ(42.3633, 37.5351, 33.5957)

Have a look what the booklet for
XYZ(42.3633, 37.5351, 33.5957)
contains.

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Color

**XYZ(42.5038, 37.7130,
33.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	D09795
RGB	208, 151, 149
RGB Percent	82%, 59%, 58%
CMY	0.1843, 0.4078, 0.4157
CMYK	0.00, 0.27, 0.28, 0.18
HSL	2°, 39%, 70%
HSV	2°, 28%, 82%
XYZ	42.5038, 37.7130, 33.4729
YIQ	167.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

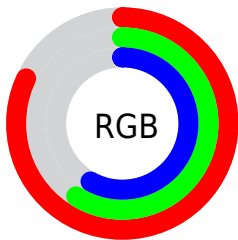
Format	Color
R _Y B	208, 151, 149
Decimal	13670293
CIE Lab	67.81, 21.11, 9.52
CIE LCh	68, 23.157, 24.264
Yxy	37.7130, 0.3739, 0.3317
Android (android.graphics.Color)	4291860373 (0xFFD09795)
YUV	167.8150, -9.2758, 35.2422
Hunter-Lab	61.4109, 16.0746, 10.6708

Details

The XYZ color **42.5038, 37.7130, 33.4729** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8502, 55.0844, 67.8904**, and the grayscale version is **37.1617, 39.0970, 42.5766**.

A 20% lighter version of the original color is **74.0908, 69.7144, 66.0511**, and **19.7107, 16.6716, 13.7343** is the 20% darker color. If you saturate the color by 10%, you get **38.0264, 31.1826, 24.5062**, and if you desaturate by 10%, it is **47.8309, 45.4678, 44.1868**.

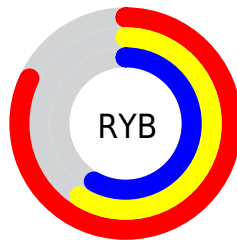
Distribution



Red (82%)

Green (59%)

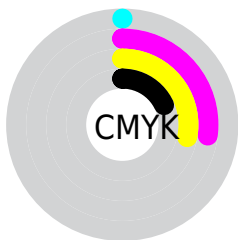
Blue (58%)



Red (82%)

Yellow (59%)

Blue (58%)

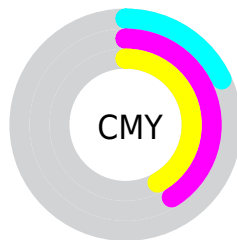


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (18%)



Cyan (18%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5038, 37.7130, 33.4729 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 42.5038, 37.7130, 33.4729 by changing the saturation by 10% instead.

■ 42.5038, 37.7130,
33.4729

■ 42.5038, 37.7130,
33.4729

347.5234,
336.3872, 332.4724

■ 29.6888, 25.7600,
22.2149

■ 78.2219, 71.6680,
66.2376

■ 19.7494, 16.6442,
13.8151

■ 101.8558, 94.4389,
88.5814

■ 12.3202, 9.9811,
7.8549

129.8266,
121.5844, 115.4576

■ 7.0359, 5.3865,
3.9158

162.4998,
153.4891, 147.2846

■ 3.5311, 2.4757,
1.5793

200.2408,
190.5374, 184.4811

■ 1.4404, 0.8645,
0.2760

243.4148,

■ 0.2848, 0.0000,

233.1135, 227.4655

0.0000

292.3872,
281.6020, 276.6564

■ 0.0000, 0.0000,
0.0000

■ 42.5038, 37.7130,
33.4729

■ 42.5038, 37.7130,
33.4729

■ 38.0264, 31.1826,
24.5062

■ 47.8309, 45.4678,
44.1868

■ 34.3521, 25.8092,
17.1919

■ 54.0453, 54.4994,
56.7313

■ 31.4341, 21.5267,
11.4299

■ 61.1860, 64.8638,
71.1871

■ 29.2198, 18.2606,
7.1082

■ 69.2887, 76.6118,
87.6295

■ 27.6499, 15.9269,
4.0996

■ 78.3873, 89.7918,
106.1296

■ 26.6550, 14.4279,
2.2551

■ 79.8225, 92.1499,
108.1874

■ 26.1435, 13.6421,
1.3529

■ 26.0892, 13.5633,
1.2429

Harmonies

Analogous

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



43.1506, 37.7130, 43.0679



42.5038, 37.7130, 33.4729



40.0237, 37.7130, 27.0325

Triad

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



42.5038, 37.7130, 33.4729



30.5358, 37.7130, 30.5784



35.1605, 37.7130, 64.0046

Complementary

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



42.5038, 37.7130, 33.4729



45.8502, 55.0844, 67.8904

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.



31.9679, 37.7130, 59.2627



42.5038, 37.7130, 33.4729



29.4145, 37.7130, 39.1214

Square

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



42.5038, 37.7130, 33.4729



33.0863, 37.7130, 25.5666



29.9209, 37.7130, 49.7217



38.7531, 37.7130, 61.8184

Rectangle

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



42.5038, 37.7130, 33.4729



37.7473, 37.7130, 24.8415



29.9209, 37.7130, 49.7217



34.0079, 37.7130, 63.1466

Sweetspot

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



42.5048, 37.7148, 33.4737



84.9033, 85.2704, 88.3651



47.9047, 39.3630, 63.4868



17.8463, 17.7772, 18.2541



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.



42.5048, 37.7148, 33.4737



62.9451, 53.3168, 44.1661



47.8531, 48.4114, 35.2564



11.8405, 11.8716, 12.2794



16.2745, 8.4819, 0.7794



0.9215, 0.4974, 0.0474

Inverse Universe

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



45.8502, 55.0844, 67.8904



69.0901, 85.2331, 107.4179



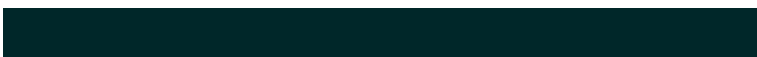
39.4101, 42.2042, 65.7437



12.1225, 13.3353, 15.1787



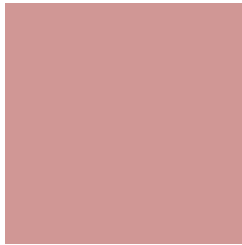
20.1192, 28.8849, 41.7074



1.1359, 1.6371, 2.3357

Previews

White Background



This preview shows how the XYZ color 42.5038, 37.7130, 33.4729 looks on a white background.

Color Contrast Check

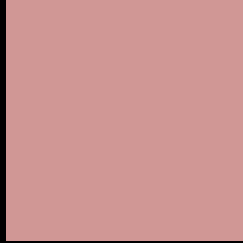
Large Text (above 18pt) WCAG AA × Fail

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 42.5038, 37.7130, 33.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

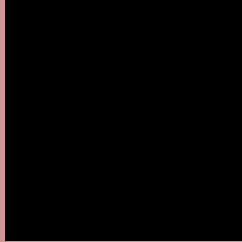
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5038, 37.7130, 33.4729

Background



This preview shows how black text looks on a background with the XYZ color 42.5038, 37.7130, 33.4729.



This preview shows how white text looks on a background with the XYZ color 42.5038, 37.7130,

33.4729.

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

42.5038, 37.7130, 33.4729

Protanopia

36.2505, 37.9685, 36.8705

Deuteranopia

38.5763, 37.9396, 32.8936



Tritanopia

43.4750, 37.6234, 38.6889

Trichromacy



Original Color

42.5038, 37.7130, 33.4729

Protanomaly

38.0877, 37.6319, 35.3932

Deuteranomaly

39.9079, 37.8542, 33.2202

Tritanomaly

43.2866, 37.8023, 36.9134

Monochromacy



Original Color

42.5038, 37.7130, 33.4729

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.8818, 38.4811, 39.0965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5038, 37.7130, 33.4729 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(208, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 151, 149)  
}
```

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(208, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 151, 149) }
```

Border

The CSS property to change the border of an element to XYZ 42.5038, 37.7130, 33.4729 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(208, 151, 149) }
```


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

```
.border{ border-color:rgb(208, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 151,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5038, 37.7130, 33.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 151, 149) }
```

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

```
.background{ background-color: rgb(208,  
151, 149) }
```

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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