

Converting Colors

XYZ(42.1980, 37.0239, 33.2502)

Have a look what the booklet for
XYZ(42.1980, 37.0239, 33.2502)
contains.

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Color

**XYZ(42.1847, 37.0747,
33.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	D09595
RGB	208, 149, 149
RGB Percent	82%, 58%, 58%
CMY	0.1843, 0.4157, 0.4157
CMYK	0.00, 0.28, 0.28, 0.18
HSL	0°, 39%, 70%
HSV	0°, 28%, 82%
XYZ	42.1847, 37.0747, 33.3665
YIQ	166.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

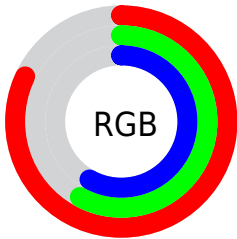
Format	Color
R _Y B	208, 149, 149
Decimal	13669781
CIE Lab	67.33, 22.20, 8.84
CIE LCh	67, 23.896, 21.710
Yxy	37.0747, 0.3746, 0.3292
Android (android.graphics.Color)	4291859861 (0xFFD09595)
YUV	166.6410, -8.6970, 36.2718
Hunter-Lab	60.8890, 17.1114, 10.1320

Details

The XYZ color **42.1847, 37.0747, 33.3665** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3348, 56.0537, 68.0521**, and the grayscale version is **36.5858, 38.4911, 41.9168**.

A 20% lighter version of the original color is **73.3754, 68.2837, 65.8127**, and **19.5212, 16.2926, 13.6712** is the 20% darker color. If you saturate the color by 10%, you get **37.6682, 30.4661, 24.3867**, and if you desaturate by 10%, it is **47.5874, 44.9806, 44.1056**.

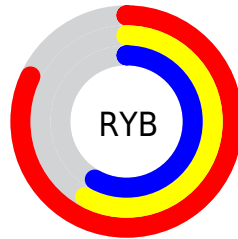
Distribution



Red (82%)

Green (58%)

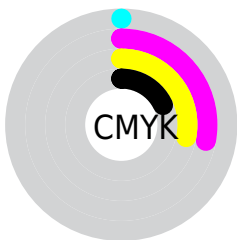
Blue (58%)



Red (82%)

Yellow (58%)

Blue (58%)

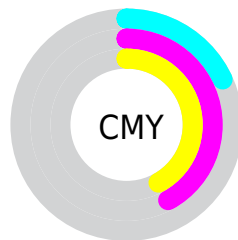


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1847, 37.0747, 33.3665 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 42.1847, 37.0747, 33.3665 by changing the saturation by 10% instead.


 42.1847, 37.0747,
33.3665


 42.1847, 37.0747,
33.3665


346.2266,
333.6338, 331.9805

 29.4377, 25.2653,
22.1339


 77.7425, 70.6877,
66.0699

 19.5581, 16.2748,
13.7561


 101.2840, 93.2600,
88.3778

 12.1806, 9.7189,
7.8144


129.1543,
120.1889, 115.2146

 6.9399, 5.2129,
3.8904

161.7189,
151.8586, 146.9988

 3.4705, 2.3727,
1.5654

199.3431,
188.6535, 184.1490

 1.4072, 0.8118,
0.2659

242.3922,

 0.2613, 0.0000,

230.9581, 227.0836

0.0000

291.2316,
279.1568, 276.2213

■ 0.0000, 0.0000,
0.0000

■ 42.1847, 37.0747,
33.3665

■ 42.1847, 37.0747,
33.3665

■ 37.6682, 30.4661,
24.3867

■ 47.5874, 44.9806,
44.1056

■ 33.9879, 25.0806,
17.0705

■ 53.9168, 54.2424,
56.6885

■ 31.0932, 20.8449,
11.3162

■ 61.2148, 64.9212,
71.1967

■ 28.9272, 17.6753,
7.0106

■ 69.5194, 77.0732,
87.7064

■ 27.4251, 15.4771,
4.0246

■ 78.8670, 90.7512,
106.2895

■ 26.5106, 14.1389,
2.2070

■ 79.8225, 92.1500,
108.1874

■ 26.0682, 13.4915,
1.3278

■ 26.0127, 13.4103,
1.2174

Harmonies

Analogous

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



42.6661, 37.0747, 43.3425



42.1847, 37.0747, 33.3665



39.7785, 37.0747, 26.5330

Triad

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



42.1847, 37.0747, 33.3665



30.0016, 37.0747, 29.1292



34.2340, 37.0747, 63.7597

Complementary

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



42.1847, 37.0747, 33.3665



46.3348, 56.0537, 68.0521

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.



31.0576, 37.0747, 58.3305



42.1847, 37.0747, 33.3665



28.7270, 37.0747, 37.5329

Square

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



42.1847, 37.0747, 33.3665



32.7004, 37.0747, 24.3975



29.0998, 37.0747, 48.2863



37.9044, 37.0747, 62.1218

Rectangle

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



42.1847, 37.0747, 33.3665



37.4920, 37.0747, 24.1048



29.0998, 37.0747, 48.2863



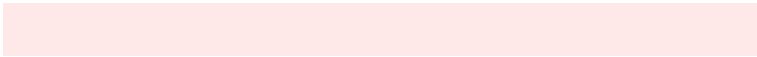
33.0770, 37.0747, 62.6713

Sweetspot

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



42.1857, 37.0764, 33.3672



84.6837, 84.8313, 88.2919



48.1454, 39.4593, 64.7536



17.7929, 17.6702, 18.2363



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.



42.1857, 37.0764, 33.3672



62.3951, 52.2168, 43.9828



47.4576, 47.6203, 35.1246



11.8088, 11.8084, 12.2689



16.2125, 8.3581, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



46.3348, 56.0537, 68.0521



70.0205, 87.0939, 107.7281



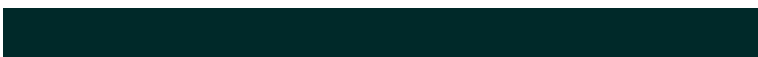
39.8000, 42.9842, 65.8738



12.1584, 13.4070, 15.1906



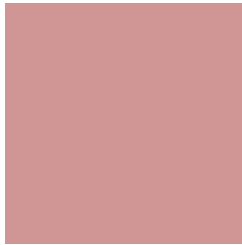
21.1518, 30.9501, 42.0517



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 42.1847, 37.0747, 33.3665 looks on a white background.

Color Contrast Check

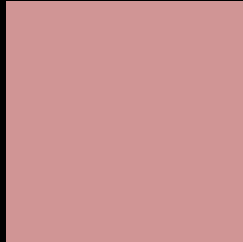
Large Text (above 18pt) WCAG AA × Fail

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 42.1847, 37.0747, 33.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

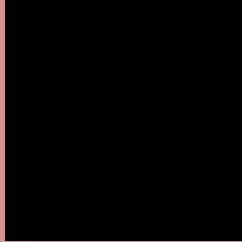
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1847, 37.0747, 33.3665

Background



This preview shows how black text looks on a background with the XYZ color 42.1847, 37.0747, 33.3665.



This preview shows how white text looks on a background with the XYZ color 42.1847, 37.0747,

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

42.1847, 37.0747, 33.3665

Protanopia

35.7234, 37.4203, 37.2383

Deuteranopia

37.7430, 36.9994, 32.7561



Tritanopia

42.9862, 36.9259, 37.6627

Trichromacy



Original Color

42.1847, 37.0747, 33.3665

Protanomaly

37.7593, 37.1966, 35.7614

Deuteranomaly

39.3148, 37.0501, 33.0963

Tritanomaly

42.8008, 37.1017, 35.9158

Monochromacy



Original Color

42.1847, 37.0747, 33.3665

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2074, 37.6248, 38.5063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1847, 37.0747, 33.3665 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, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 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, 149, 149) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.1847, 37.0747, 33.3665 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, 149, 149) }
```


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

```
.border{ border-color:rgb(208, 149, 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, 149, 149)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.1847, 37.0747, 33.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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