

Converting Colors

XYZ(39.4771, 37.7484, 29.0411)

Have a look what the booklet for
XYZ(39.4771, 37.7484, 29.0411)
contains.

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Color

**XYZ(39.3373, 37.6558,
28.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	C49D89
RGB	196, 157, 137
RGB Percent	77%, 62%, 54%
CMY	0.2314, 0.3843, 0.4627
CMYK	0.00, 0.20, 0.30, 0.23
HSL	20°, 33%, 65%
HSV	20°, 30%, 77%
XYZ	39.3373, 37.6558, 28.8619
YIQ	166.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

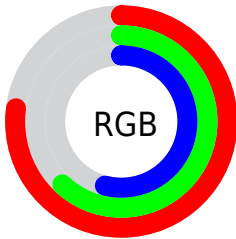
Format	Color
R_{YB}	196, 167, 137
Decimal	12885385
CIE _{Lab}	67.77, 11.55, 15.95
CIE _{LCh}	68, 19.694, 54.083
Yxy	37.6558, 0.3716, 0.3557
Android (android.graphics.Color)	4291075465 (0xFFC49D89)
YUV	166.3810, -14.4848, 25.9759
Hunter-Lab	61.3643, 7.0390, 15.0688

Details

The XYZ color **39.3373, 37.6558, 28.8619** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8053, 40.3535, 58.1267**, and the grayscale version is **36.4886, 38.3888, 41.8055**.

A 20% lighter version of the original color is **73.3458, 71.6873, 58.6865**, and **17.8588, 16.6589, 11.2911** is the 20% darker color. If you saturate the color by 10%, you get **35.9804, 32.9913, 21.4252**, and if you desaturate by 10%, it is **43.1840, 42.8908, 37.7228**.

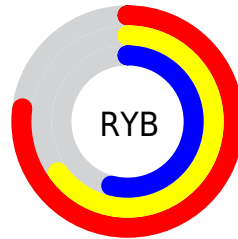
Distribution



Red (77%)

Green (62%)

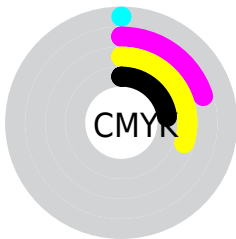
Blue (54%)



Red (77%)

Yellow (65%)

Blue (54%)

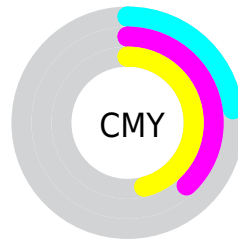


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3373, 37.6558, 28.8619 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 39.3373, 37.6558, 28.8619 by changing the saturation by 10% instead.


 39.3373, 37.6558,
28.8619


 39.3373, 37.6558,
28.8619


334.5049,
336.1411, 310.6033


 27.2041, 25.7157,
18.7317


 73.4441, 71.5803,
58.8972

 17.8640, 16.6110,
11.3017


 96.1484, 94.3334,
79.6393

 10.9515, 9.9576,
6.1534


 123.1072,
121.4596, 104.7558

 6.1013, 5.3708,
2.8683

154.6857,
153.3433, 134.6653

 2.9480, 2.4664,
1.0278

191.2494,
190.3689, 169.7863

 1.1263, 0.8598,
0.0000

233.1636,

 0.0470, 0.0000,

232.9208, 210.5372

0.0000

280.7937,
281.3834, 257.3367

■ 0.0000, 0.0000,
0.0000

■ 39.3373, 37.6558,
28.8619

■ 39.3373, 37.6558,
28.8619

■ 35.9804, 32.9913,
21.4252

■ 43.1840, 42.8908,
37.7228

■ 33.0894, 28.8721,
15.3350

■ 47.5373, 48.7100,
48.0753

■ 30.6424, 25.2788,
10.5099

■ 52.4166, 55.1330,
59.9852

■ 28.6147, 22.1885,
6.8583

■ 57.8397, 62.1772,
73.5137

■ 26.9785, 19.5767,
4.2763

■ 63.8231, 69.8589,
88.7187

■ 25.7020, 17.4162,
2.6412

■ 70.3829, 78.1941,
105.6552

■ 24.7399, 15.6854,
1.7237

■ 74.2865, 85.8988,
107.2725

■ 76.5751, 90.4758,
108.0354

Harmonies

Analogous

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



41.4081, 37.6558, 34.5302



39.3373, 37.6558, 28.8619



36.3978, 37.6558, 26.4779

Triad

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



39.3373, 37.6558, 28.8619



30.2757, 37.6558, 39.2960



38.2342, 37.6558, 58.2989

Complementary

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



39.3373, 37.6558, 28.8619



35.8053, 40.3535, 58.1267

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.



35.1904, 37.6558, 60.0493



39.3373, 37.6558, 28.8619



30.7058, 37.6558, 48.2331

Square

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



39.3373, 37.6558, 28.8619



31.2541, 37.6558, 31.9278



32.4640, 37.6558, 56.1399



40.7464, 37.6558, 51.6478

Rectangle

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



39.3373, 37.6558, 28.8619



34.3844, 37.6558, 26.7890



32.4640, 37.6558, 56.1399



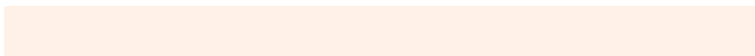
37.2348, 37.6558, 59.5159

Sweetspot

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



39.3383, 37.6575, 28.8627



86.9230, 89.3098, 89.0384



39.5805, 32.7753, 45.4880



18.3401, 18.7646, 18.4187



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.



39.3383, 37.6575, 28.8627



67.2329, 62.6397, 43.2915



44.8747, 48.7303, 30.7081



10.3461, 10.6236, 10.5671



15.9685, 10.2228, 1.1316



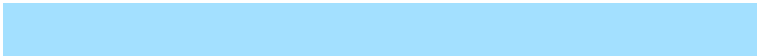
0.7544, 0.5707, 0.0704

Inverse Universe

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



35.8053, 40.3535, 58.1267



59.8174, 68.2721, 104.6329



30.6886, 30.1200, 56.4211



10.0716, 10.8346, 12.8453



11.5750, 12.9065, 35.4378



0.5618, 0.6811, 1.5517

Previews

White Background



This preview shows how the XYZ color 39.3373, 37.6558, 28.8619 looks on a white background.

Color Contrast Check

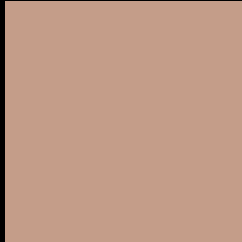
Large Text (above 18pt) WCAG AA × Fail

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 39.3373, 37.6558, 28.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

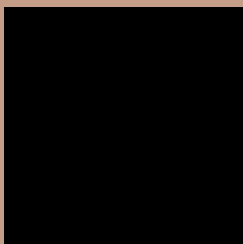
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3373, 37.6558, 28.8619

Background



This preview shows how black text looks on a background with the XYZ color 39.3373, 37.6558, 28.8619.



This preview shows how white text looks on a background with the XYZ color 39.3373, 37.6558,

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

39.3373, 37.6558, 28.8619

Protanopia

35.7184, 37.8320, 30.6191

Deuteranopia

38.3994, 37.6788, 28.9158



Tritanopia

41.7360, 37.6412, 40.6631

Trichromacy



Original Color

39.3373, 37.6558, 28.8619

Protanomaly

36.9454, 37.6792, 30.1365

Deuteranomaly

38.7345, 37.5973, 28.8824

Tritanomaly

40.7607, 37.4835, 36.0971

Monochromacy



Original Color

39.3373, 37.6558, 28.8619

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1450, 37.9081, 36.3696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3373, 37.6558, 28.8619 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(196, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 137)  
}
```

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(196, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 137) }
```

Border

The CSS property to change the border of an element to XYZ 39.3373, 37.6558, 28.8619 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(196, 157, 137) }
```


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

```
.border{ border-color:rgb(196, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3373, 37.6558, 28.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 137) }
```

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

```
.background{ background-color: rgb(196,  
157, 137) }
```

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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