

Converting Colors

XYZ(37.7743, 37.1639, 28.4328)

Have a look what the booklet for
XYZ(37.7743, 37.1639, 28.4328)
contains.

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Color

**XYZ(37.6571, 37.0501,
28.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9E88
RGB	189, 158, 136
RGB Percent	74%, 62%, 53%
CMY	0.2588, 0.3804, 0.4667
CMYK	0.00, 0.16, 0.28, 0.26
HSL	25°, 29%, 64%
HSV	25°, 28%, 74%
XYZ	37.6571, 37.0501, 28.4592
YIQ	164.7610, 25.5380, -0.2700

Conversions

Conversions Part 2

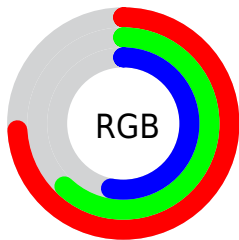
Format	Color
RYB	189, 174, 136
Decimal	12426888
CIELab	67.31, 8.12, 15.77
CIElCh	67, 17.737, 62.768
Yxy	37.0501, 0.3650, 0.3591
Android (android.graphics.Color)	4290616968 (0xFFBD9E88)
YUV	164.7610, -14.1792, 21.2576
Hunter-Lab	60.8688, 3.9105, 14.8871

Details

The XYZ color **37.6571, 37.0501, 28.4592** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1571, 36.5449, 53.4507**, and the grayscale version is **35.7077, 37.5672, 40.9107**.

A 20% lighter version of the original color is **70.9856, 70.8555, 58.0792**, and **16.9291, 16.3382, 11.0654** is the 20% darker color. If you saturate the color by 10%, you get **34.6294, 32.9579, 21.3972**, and if you desaturate by 10%, it is **41.0933, 41.5797, 36.8268**.

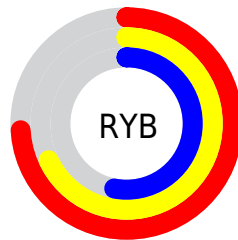
Distribution



Red (74%)

Green (62%)

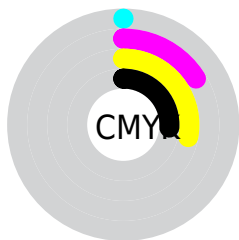
Blue (53%)



Red (74%)

Yellow (68%)

Blue (53%)

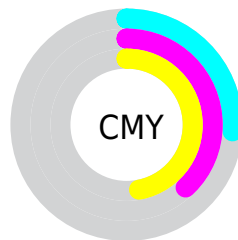


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6571, 37.0501, 28.4592 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 37.6571, 37.0501, 28.4592 by changing the saturation by 10% instead.

 37.6571, 37.0501,
28.4592


 37.6571, 37.0501,
28.4592


327.4531,
333.5274, 308.6354


 25.8927, 25.2463,
18.4300

 70.8895, 70.6498,
58.2486

 16.8756, 16.2606,
11.0866


 93.0883, 93.2145,
78.8460

 10.2406, 9.7088,
6.0102

 119.4958,
120.1350, 103.8032

 5.6223, 5.2063,
2.7824

150.4775,
151.7956, 133.5388

 2.6552, 2.3688,
0.9846

186.3987,
188.5807, 168.4712

 0.9742, 0.8098,
0.0000

227.6248,

 0.0000, 0.0000,

230.8748, 209.0191

0.0000

274.5212,
279.0622, 255.6010

■ 37.6571, 37.0501,
28.4592

■ 37.6571, 37.0501,
28.4592

■ 34.6294, 32.9579,
21.3972

■ 41.0933, 41.5797,
36.8268

■ 31.9903, 29.2841,
15.5715

■ 44.9508, 46.5547,
46.5598

■ 29.7226, 26.0156,
10.9097

■ 49.2455, 51.9894,
57.7171

■ 27.8064, 23.1369,
7.3311

■ 53.9916, 57.8959,
70.3535

■ 26.2196, 20.6309,
4.7442

■ 59.2026, 64.2856,
84.5208

■ 24.9369, 18.4788,
3.0423

■ 64.8912, 71.1698,
100.2683

■ 23.9217, 16.6571,
2.0606

■ 68.8533, 77.6726,
105.9711

■ 23.7440, 16.3341,
1.9014

■ 72.1237, 84.2136,
107.0613

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



39.7874, 37.0501, 32.7815



37.6571, 37.0501, 28.4592



34.9636, 37.0501, 27.1801

Triad

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



37.6571, 37.0501, 28.4592



30.2560, 37.0501, 41.0672



38.1154, 37.0501, 54.2570

Complementary

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



37.6571, 37.0501, 28.4592



33.1571, 36.5449, 53.4507

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.



35.4676, 37.0501, 57.1844



37.6571, 37.0501, 28.4592



31.0071, 37.0501, 48.9821

Square

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



37.6571, 37.0501, 28.4592



30.7762, 37.0501, 33.8821



32.8808, 37.0501, 55.1411



40.0614, 37.0501, 47.5732

Rectangle

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



37.6571, 37.0501, 28.4592



33.2340, 37.0501, 28.0711



32.8808, 37.0501, 55.1411



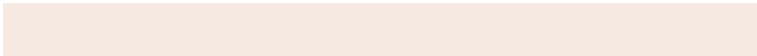
37.2732, 37.0501, 55.7492

Sweetspot

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



37.6581, 37.0518, 28.4600



80.4437, 83.2988, 83.2272



36.8401, 31.2473, 41.0382



17.0643, 17.6128, 17.2978



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.6581, 37.0518, 28.4600



63.8374, 61.5052, 42.4885



42.5088, 46.7532, 30.0769



9.8468, 10.1696, 10.0206



16.0473, 11.1334, 1.3032



0.6933, 0.5655, 0.0726

Inverse Universe

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



33.1571, 36.5449, 53.4507



54.3707, 60.4309, 95.0249



28.9083, 28.0472, 52.0344



9.4675, 10.1273, 12.1280



10.0475, 10.2068, 33.8334



0.4567, 0.5261, 1.3463

Previews

White Background



This preview shows how the XYZ color 37.6571, 37.0501, 28.4592 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 37.6571, 37.0501, 28.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

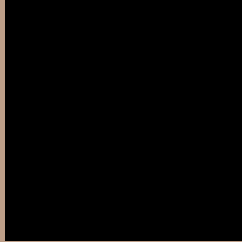
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6571, 37.0501, 28.4592

Background



This preview shows how black text looks on a background with the XYZ color 37.6571, 37.0501, 28.4592.



This preview shows how white text looks on a background with the XYZ color 37.6571, 37.0501,

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

37.6571, 37.0501, 28.4592

Protanopia

35.1692, 37.2992, 29.7720

Deuteranopia

37.9060, 37.1784, 28.4708



Tritanopia

40.1768, 37.0708, 41.1142

Trichromacy



Original Color

37.6571, 37.0501, 28.4592

Protanomaly

36.0982, 37.2593, 29.3339

Deuteranomaly

37.9060, 37.1784, 28.4708

Tritanomaly

39.1236, 36.8856, 36.0679

Monochromacy



Original Color

37.6571, 37.0501, 28.4592

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2086, 37.1724, 35.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6571, 37.0501, 28.4592 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(189, 158, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 136)  
}
```

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(189, 158, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.6571, 37.0501, 28.4592 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(189, 158, 136) }
```


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

```
.border{ border-color:rgb(189, 158, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 158, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6571, 37.0501, 28.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 136) }
```

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

```
.background{ background-color: rgb(189,  
158, 136) }
```

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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