

Converting Colors

XYZ(38.9223, 36.8964, 28.7746)

Have a look what the booklet for
XYZ(38.9223, 36.8964, 28.7746)
contains.

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Color

**XYZ(39.0017, 36.9846,
28.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	C49B89
RGB	196, 155, 137
RGB Percent	77%, 61%, 54%
CMY	0.2314, 0.3921, 0.4627
CMYK	0.00, 0.21, 0.30, 0.23
HSL	18°, 33%, 65%
HSV	18°, 30%, 77%
XYZ	39.0017, 36.9846, 28.7500
YIQ	165.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

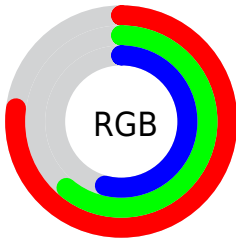
Format	Color
RYB	196, 163, 137
Decimal	12884873
CIELab	67.27, 12.65, 15.25
CIElCh	67, 19.814, 50.333
Yxy	36.9846, 0.3724, 0.3531
Android (android.graphics.Color)	4291074953 (0xFFC49B89)
YUV	165.2070, -13.9061, 27.0055
Hunter-Lab	60.8150, 8.0490, 14.5414

Details

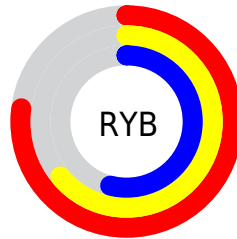
The XYZ color **39.0017, 36.9846, 28.7500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2003, 41.1435, 58.2584**, and the grayscale version is **35.9188, 37.7894, 41.1527**.

A 20% lighter version of the original color is **72.8489, 70.6935, 58.5209**, and **17.6551, 16.2515, 11.2231** is the 20% darker color. If you saturate the color by 10%, you get **35.5815, 32.1934, 21.2921**, and if you desaturate by 10%, it is **42.9350, 42.3928, 37.6398**.

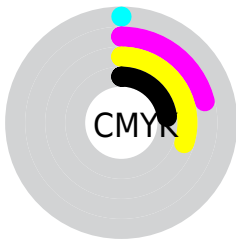
Distribution



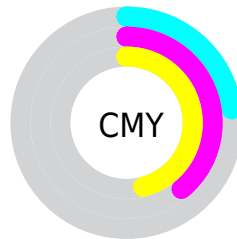
- Red (77%)
- Green (61%)
- Blue (54%)



- Red (77%)
- Yellow (64%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (23%)



- Cyan (23%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0017, 36.9846, 28.7500 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 39.0017, 36.9846, 28.7500 by changing the saturation by 10% instead.

 39.0017, 36.9846,
28.7500


 39.0017, 36.9846,
28.7500

333.1048,
333.2438, 310.0575


 26.9418, 25.1956,
18.6478


 72.9350, 70.5491,
58.7171

 17.6659, 16.2228,
11.2419


 95.5390, 93.0934,
79.4191

 10.8086, 9.6820,
6.1135


 122.3885,
119.9915, 104.4914

 6.0046, 5.1886,
2.8443

153.8488,
151.6279, 134.3527

 2.8886, 2.3583,
1.0157

190.2852,
188.3869, 169.4214

 1.0951, 0.8043,
0.0000

232.0631,

 0.0210, 0.0000,

230.6530, 210.1161

0.0000

279.5478,
278.8105, 256.8552

■ 0.0000, 0.0000,
0.0000

■ 39.0017, 36.9846,
28.7500

■ 39.0017, 36.9846,
28.7500

■ 35.5815, 32.1934,
21.2921

■ 42.9350, 42.3928,
37.6398

■ 32.6491, 27.9915,
15.1882

■ 47.3992, 48.4339,
48.0292

■ 30.1814, 24.3568,
10.3562


■ 52.4151, 55.1300,
59.9846


■ 28.1522, 21.2636,
6.7041


■ 58.0012, 62.5002,
73.5674


■ 26.5322, 18.6841,
4.1275

■ 64.1751, 70.5630,
88.8359

 25.2877, 16.5876,
2.5031

 70.9539, 79.3361,
105.8454

 24.3710, 14.9477,
1.6007

 75.1059, 87.5375,
107.5457

 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.



40.8996, 36.9846, 34.7495



39.0017, 36.9846, 28.7500



36.1395, 36.9846, 25.9675

Triad

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



39.0017, 36.9846, 28.7500



29.7199, 36.9846, 37.5344



37.2149, 36.9846, 58.0161

Complementary

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



39.0017, 36.9846, 28.7500



36.2003, 41.1435, 58.2584

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.



34.1841, 36.9846, 59.0454



39.0017, 36.9846, 28.7500



29.9711, 36.9846, 46.3462

Square

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



39.0017, 36.9846, 28.7500



30.8588, 36.9846, 30.5365



31.5657, 36.9846, 54.5172



39.8276, 36.9846, 51.8788

Rectangle

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



39.0017, 36.9846, 28.7500



34.1187, 36.9846, 25.9926



31.5657, 36.9846, 54.5172



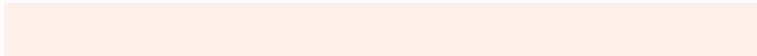
36.2074, 36.9846, 59.0020

Sweetspot

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



39.0027, 36.9863, 28.7508



86.6947, 88.8532, 88.9623



39.7770, 32.8539, 46.5229



18.2841, 18.6527, 18.4000



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.



39.0027, 36.9863, 28.7508



66.5461, 61.2661, 43.0625



44.4627, 47.9064, 30.5708



10.3183, 10.5680, 10.5579



15.7268, 9.7393, 1.0510



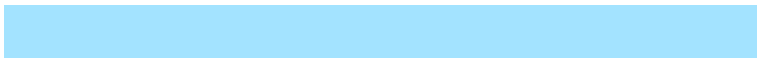
0.7418, 0.5454, 0.0662

Inverse Universe

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



36.2003, 41.1435, 58.2584



60.6608, 69.9588, 104.9140



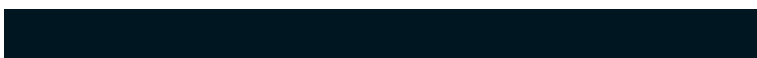
30.9966, 30.7360, 56.5238



10.1008, 10.8929, 12.8550



12.1553, 14.0672, 35.6312



0.5837, 0.7248, 1.5590

Previews

White Background



This preview shows how the XYZ color 39.0017, 36.9846, 28.7500 looks on a white background.

Color Contrast Check

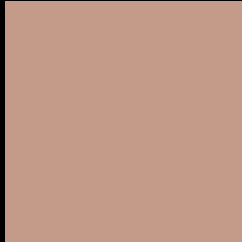
Large Text (above 18pt) WCAG AA × Fail

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 39.0017, 36.9846, 28.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

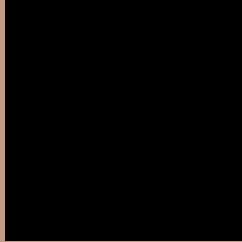
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0017, 36.9846, 28.7500

Background



This preview shows how black text looks on a background with the XYZ color 39.0017, 36.9846, 28.7500.



This preview shows how white text looks on a background with the XYZ color 39.0017, 36.9846,

28.7500.

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

39.0017, 36.9846, 28.7500

Protanopia

35.0964, 37.2447, 30.5385

Deuteranopia

37.6571, 37.0501, 28.4592



Tritanopia

41.2307, 36.9197, 39.6034

Trichromacy



Original Color

39.0017, 36.9846, 28.7500

Protanomaly

36.5345, 37.2069, 30.0670

Deuteranomaly

38.2391, 37.0980, 28.4378

Tritanomaly

40.3497, 36.7953, 35.5474

Monochromacy



Original Color

39.0017, 36.9846, 28.7500

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5658, 37.0864, 36.2415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0017, 36.9846, 28.7500 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, 155, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 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, 155, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 137) }
```

Border

The CSS property to change the border of an element to XYZ 39.0017, 36.9846, 28.7500 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, 155, 137) }
```


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

```
.border{ border-color:rgb(196, 155, 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, 155, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 155, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 155, 137); box-shadow:4px 4px 4px 4px rgb(196, 155, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0017, 36.9846, 28.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 137) }
```

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

```
.background{ background-color: rgb(196,  
155, 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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