

Converting Colors

XYZ(40.5888, 37.9720, 28.7369)

Have a look what the booklet for
XYZ(40.5888, 37.9720, 28.7369)
contains.

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Color

**XYZ(40.7609, 38.1396,
28.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9C89
RGB	202, 156, 137
RGB Percent	79%, 61%, 54%
CMY	0.2078, 0.3882, 0.4627
CMYK	0.00, 0.23, 0.32, 0.21
HSL	18°, 38%, 66%
HSV	18°, 32%, 79%
XYZ	40.7609, 38.1396, 28.8803
YIQ	167.5880, 33.5150, 3.8430

Conversions

Conversions Part 2

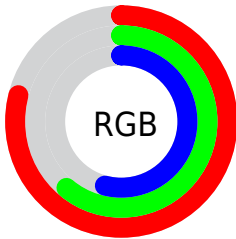
Format	Color
R _Y B	202, 164, 137
Decimal	13278345
CIE Lab	68.12, 14.45, 16.54
CIE LCh	68, 21.965, 48.846
Yxy	38.1396, 0.3782, 0.3539
Android (android.graphics.Color)	4291468425 (0xFFCA9C89)
YUV	167.5880, -15.0799, 30.1793
Hunter-Lab	61.7573, 9.7380, 15.5036

Details

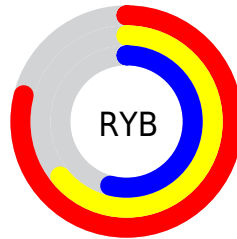
The XYZ color **40.7609, 38.1396, 28.8803** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9101, 43.4482, 62.2654**, and the grayscale version is **37.0784, 39.0093, 42.4812**.

A 20% lighter version of the original color is **73.8285, 71.5662, 58.6377**, and **18.8045, 16.9943, 11.3060** is the 20% darker color. If you saturate the color by 10%, you get **37.1864, 33.0964, 21.1968**, and if you desaturate by 10%, it is **44.8910, 43.8595, 38.0882**.

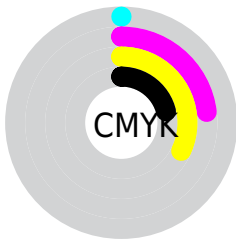
Distribution



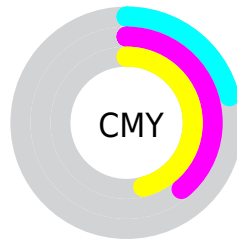
- Red (79%)
- Green (61%)
- Blue (54%)



- Red (79%)
- Yellow (64%)
- Blue (54%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7609, 38.1396, 28.8803 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 40.7609, 38.1396, 28.8803 by changing the saturation by 10% instead.


 40.7609, 38.1396,
28.8803


 40.7609, 38.1396,
28.8803


340.4000,
338.2184, 310.6930


 28.3191, 26.0911,
18.7455


 75.5978, 72.3221,
58.9268

 18.7081, 16.8918,
11.3116


 98.7237, 95.2248,
79.6755

 11.5623, 10.1574,
6.1600


 126.1416,
122.5143, 104.7993

 6.5164, 5.5034,
2.8723

158.2170,
154.5751, 134.7167

 3.2052, 2.5456,
1.0298

195.3152,
191.7915, 169.8462

 1.2632, 0.8994,
0.0000

237.8015,

 0.1554, 0.0000,

234.5479, 210.6064

0.0000

286.0413,
283.2288, 257.4158

■ 0.0000, 0.0000,
0.0000

■ 40.7609, 38.1396,
28.8803

■ 40.7609, 38.1396,
28.8803

■ 37.1864, 33.0964,
21.1968

■ 44.8910, 43.8595,
38.0882

■ 34.1396, 28.6989,
14.9521

■ 49.5970, 50.2749,
48.8950

■ 31.5945, 24.9216,
10.0560

■ 54.9017, 57.4104,
61.3730

■ 29.5215, 21.7353,
6.4066

■ 60.8259, 65.2880,
75.5894

■ 27.8876, 19.1079,
3.8875

■ 67.3893, 73.9284,
91.6078

■ 26.6544, 17.0038,
2.3597

■ 74.0907, 83.1438,
106.7511

■ 25.9241, 15.6906,
1.6622

■ 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



42.8493, 38.1396, 35.7264



40.7609, 38.1396, 28.8803



37.5399, 38.1396, 25.6314

Triad

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



40.7609, 38.1396, 28.8803



30.1638, 38.1396, 37.9837



38.4204, 38.1396, 62.0639

Complementary

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



40.7609, 38.1396, 28.8803



37.9101, 43.4482, 62.2654

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.



34.9911, 38.1396, 62.9241



40.7609, 38.1396, 28.8803



30.3666, 38.1396, 47.9249

Square

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



40.7609, 38.1396, 28.8803



31.5132, 38.1396, 30.3080



32.0858, 38.1396, 57.4143



41.4403, 38.1396, 55.2218

Rectangle

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



40.7609, 38.1396, 28.8803



35.2469, 38.1396, 25.5358



32.0858, 38.1396, 57.4143



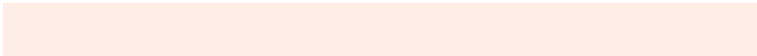
37.2731, 38.1396, 63.0984

Sweetspot

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



40.7619, 38.1414, 28.8811



85.7241, 87.4877, 86.8640



41.9111, 33.8915, 49.4517



18.0861, 18.3714, 17.9805



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.



40.7619, 38.1414, 28.8811



64.4736, 58.1869, 39.0861



46.8380, 50.2937, 30.9065



11.4751, 11.7392, 11.7405



16.7494, 10.2318, 1.0921



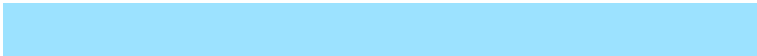
0.9304, 0.6604, 0.0784

Inverse Universe

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



37.9101, 43.4482, 62.2654



58.8490, 68.5943, 104.7461



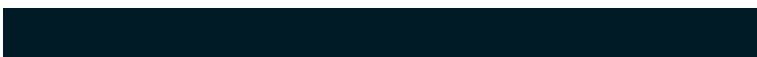
32.0576, 31.7431, 60.3145



11.2555, 12.1514, 14.3226



13.2551, 15.5341, 38.2560



0.7474, 0.9285, 1.9948

Previews

White Background



This preview shows how the XYZ color 40.7609, 38.1396, 28.8803 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 40.7609, 38.1396, 28.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

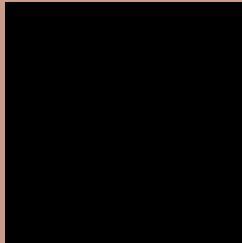
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7609, 38.1396, 28.8803

Background



This preview shows how black text looks on a background with the XYZ color 40.7609, 38.1396, 28.8803.



This preview shows how white text looks on a background with the XYZ color 40.7609, 38.1396,

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

40.7609, 38.1396, 28.8803

Protanopia

36.1979, 38.3394, 31.0836

Deuteranopia

39.0071, 38.2566, 28.6209



Tritanopia

43.1059, 38.1159, 40.2071

Trichromacy



Original Color

40.7609, 38.1396, 28.8803

Protanomaly

37.6615, 38.0484, 30.1700

Deuteranomaly

39.6070, 38.3096, 28.5995

Tritanomaly

42.1258, 37.9529, 35.6772

Monochromacy



Original Color

40.7609, 38.1396, 28.8803

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1837, 38.6885, 37.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7609, 38.1396, 28.8803 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(202, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 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(202, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 137) }
```

Border

The CSS property to change the border of an element to XYZ 40.7609, 38.1396, 28.8803 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(202, 156, 137) }
```


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

```
.border{ border-color:rgb(202, 156, 137) }
```

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

Here you see how a box with a 4 pixel rgb(202, 156, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7609, 38.1396, 28.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 137) }
```

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

```
.background{ background-color: rgb(202,  
156, 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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