

Converting Colors

XYZ(39.0285, 36.3493, 28.1027)

Have a look what the booklet for
XYZ(39.0285, 36.3493, 28.1027)
contains.

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Color

**XYZ(38.9609, 36.2398,
28.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	C69888
RGB	198, 152, 136
RGB Percent	78%, 60%, 53%
CMY	0.2235, 0.4039, 0.4667
CMYK	0.00, 0.23, 0.31, 0.22
HSL	15°, 35%, 65%
HSV	15°, 31%, 78%
XYZ	38.9609, 36.2398, 28.2341
YIQ	163.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

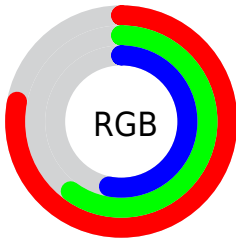
Format	Color
R _Y B	198, 158, 136
Decimal	13015176
CIE Lab	66.70, 14.94, 15.05
CIE LCh	67, 21.212, 45.211
Yxy	36.2398, 0.3767, 0.3504
Android (android.graphics.Color)	4291205256 (0xFFC69888)
YUV	163.9300, -13.7695, 29.8794
Hunter-Lab	60.1995, 10.1754, 14.3321

Details

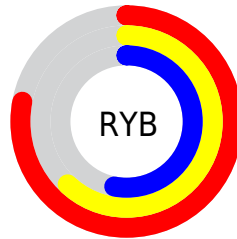
The XYZ color **38.9609, 36.2398, 28.2341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0739, 42.7661, 59.7270**, and the grayscale version is **35.3067, 37.1454, 40.4513**.

A 20% lighter version of the original color is **72.4966, 69.0767, 57.6563**, and **17.6611, 15.8189, 10.9266** is the 20% darker color. If you saturate the color by 10%, you get **35.4435, 31.2527, 20.7487**, and if you desaturate by 10%, it is **43.0355, 41.9248, 37.1885**.

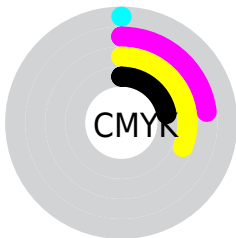
Distribution



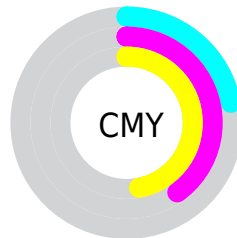
- Red (78%)
- Green (60%)
- Blue (53%)



- Red (78%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9609, 36.2398, 28.2341 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 38.9609, 36.2398, 28.2341 by changing the saturation by 10% instead.


 38.9609, 36.2398,
28.2341


 38.9609, 36.2398,
28.2341


332.9343,
330.0075, 307.5309


 26.9099, 24.6195,
18.2616

 72.8730, 69.4020,
57.8856

 17.6418, 15.7938,
10.9666


 95.4649, 91.7127,
78.4016

 10.7913, 9.3783,
5.9305


 122.3011,
118.3556, 103.2693

 5.9929, 4.9888,
2.7348

153.7469,
149.7151, 132.9072

 2.8814, 2.2407,
0.9608

190.1678,
186.1757, 167.7337

 1.0913, 0.7420,
0.0000

231.9291,

 0.0179, 0.0000,

228.1217, 208.1675

0.0000

279.3961,
275.9375, 254.6270

■ 0.0000, 0.0000,
0.0000

■ 38.9609, 36.2398,
28.2341

■ 38.9609, 36.2398,
28.2341

■ 35.4435, 31.2527,
20.7487

■ 43.0355, 41.9248,
37.1885

■ 32.4554, 26.9312,
14.6511

■ 47.6878, 48.3284,
47.6827

■ 29.9703, 23.2480,
9.8553

■ 52.9408, 55.4766,
59.7858

■ 27.9586, 20.1716,
6.2649

■ 58.8155, 63.3925,
73.5618

■ 26.3870, 17.6680,
3.7699

■ 65.3315, 72.0984,
89.0714

■ 25.2176, 15.6991,
2.2397

■ 72.5080, 81.6154,
106.3721

■ 24.4774, 14.3830,
1.4861

■ 77.0441, 90.6365,
108.0417

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



40.7256, 36.2398, 35.0166



38.9609, 36.2398, 28.2341



36.0384, 36.2398, 24.7639

Triad

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



38.9609, 36.2398, 28.2341



28.8351, 36.2398, 35.1323



36.0835, 36.2398, 59.0082

Complementary

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



38.9609, 36.2398, 28.2341



37.0739, 42.7661, 59.7270

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.



32.8990, 36.2398, 59.0521



38.9609, 36.2398, 28.2341



28.8455, 36.2398, 44.2621

Square

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



38.9609, 36.2398, 28.2341



30.2626, 36.2398, 28.3075



30.2920, 36.2398, 53.3229



38.9957, 36.2398, 53.2109

Rectangle

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



38.9609, 36.2398, 28.2341



33.8894, 36.2398, 24.3915



30.2920, 36.2398, 53.3229



35.0063, 36.2398, 59.7227

Sweetspot

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



38.9619, 36.2415, 28.2348



86.3796, 88.2230, 88.8572



40.5885, 33.0126, 48.7605



18.2069, 18.4983, 18.3743



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.



38.9619, 36.2415, 28.2348



64.3769, 57.6455, 40.1266



44.5635, 47.4447, 30.1020



10.8527, 11.0746, 11.1284



15.9777, 9.4726, 0.9863



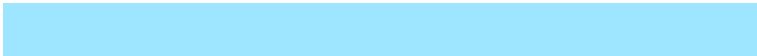
0.8171, 0.5697, 0.0669

Inverse Universe

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



37.0739, 42.7661, 59.7270



60.4636, 71.0859, 105.1419



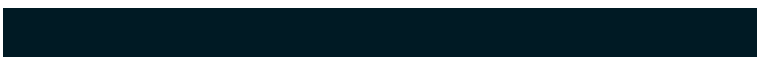
31.4941, 31.6064, 57.8670



10.7061, 11.5862, 13.5896



13.4751, 16.3442, 37.1889



0.6941, 0.8860, 1.7796

Previews

White Background



This preview shows how the XYZ color 38.9609, 36.2398, 28.2341 looks on a white background.

Color Contrast Check

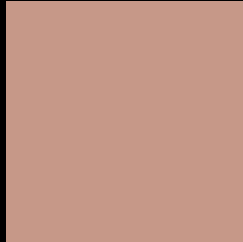
Large Text (above 18pt) WCAG AA × Fail

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 38.9609, 36.2398, 28.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

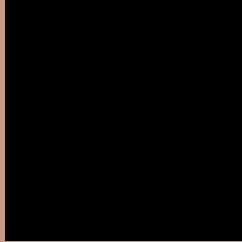
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9609, 36.2398, 28.2341

Background



This preview shows how black text looks on a background with the XYZ color 38.9609, 36.2398, 28.2341.



This preview shows how white text looks on a background with the XYZ color 38.9609, 36.2398,

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

38.9609, 36.2398, 28.2341

Protanopia

34.3056, 36.3098, 30.3997

Deuteranopia

37.0007, 36.2176, 27.9622



Tritanopia

41.1800, 36.4505, 38.1229

Trichromacy



Original Color

38.9609, 36.2398, 28.2341

Protanomaly

35.7095, 36.0211, 29.4968

Deuteranomaly

37.8327, 36.3984, 27.9533

Tritanomaly

40.3117, 36.3264, 34.1652

Monochromacy



Original Color

38.9609, 36.2398, 28.2341

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3080, 36.7048, 35.7429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9609, 36.2398, 28.2341 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(198, 152, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 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(198, 152, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.9609, 36.2398, 28.2341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

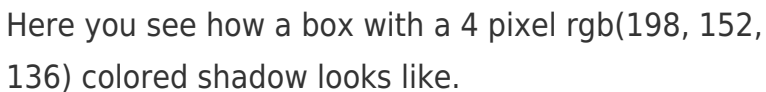
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 152, 136) }
```


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

```
.border{ border-color:rgb(198, 152, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 152, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 152, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 152, 136); box-shadow:4px 4px 4px 4px rgb(198, 152, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9609, 36.2398, 28.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 136) }
```

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

```
.background{ background-color: rgb(198,  
152, 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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