

Converting Colors

XYZ(38.4832, 36.7222, 28.9523)

Have a look what the booklet for
XYZ(38.4832, 36.7222, 28.9523)
contains.

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Color

**XYZ(38.5569, 36.7470,
29.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	C29B8A
RGB	194, 155, 138
RGB Percent	76%, 61%, 54%
CMY	0.2392, 0.3921, 0.4588
CMYK	0.00, 0.20, 0.29, 0.24
HSL	18°, 31%, 65%
HSV	18°, 29%, 76%
XYZ	38.5569, 36.7470, 29.1055
YIQ	164.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

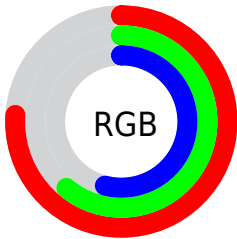
Format	Color
RYB	194, 162, 138
Decimal	12753802
CIELab	67.09, 12.00, 14.42
CIELCh	67, 18.758, 50.228
Yxy	36.7470, 0.3693, 0.3520
Android (android.graphics.Color)	4290943882 (0xFFC29B8A)
YUV	164.7230, -13.1744, 25.6759
Hunter-Lab	60.6193, 7.4511, 13.9663

Details

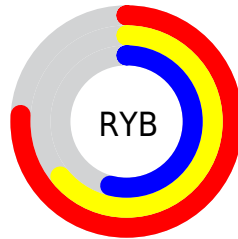
The XYZ color **38.5569, 36.7470, 29.1055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9405, 40.7413, 57.0086**, and the grayscale version is **35.6837, 37.5421, 40.8833**.

A 20% lighter version of the original color is **71.9881, 69.8717, 58.9826**, and **17.3592, 16.0942, 11.4241** is the 20% darker color. If you saturate the color by 10%, you get **35.1522, 31.9879, 21.6491**, and if you desaturate by 10%, it is **42.4661, 42.1129, 37.9686**.

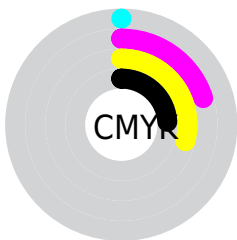
Distribution



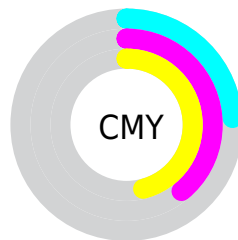
- Red (76%)
- Green (61%)
- Blue (54%)



- Red (76%)
- Yellow (64%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5569, 36.7470, 29.1055 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 38.5569, 36.7470, 29.1055 by changing the saturation by 10% instead.


 38.5569, 36.7470,
29.1055


 38.5569, 36.7470,
29.1055


331.2426,
332.2139, 311.7889


 26.5944, 25.0117,
18.9144


 72.2593, 70.1835,
59.2888

 17.4038, 16.0857,
11.4322


 94.7299, 92.6535,
80.1182

 10.6199, 9.5848,
6.2405


 121.4340,
119.4704, 105.3306

 5.8773, 5.1246,
2.9207

152.7368,
151.0187, 135.3447

 2.8105, 2.3205,
1.0543

189.0037,
187.6829, 170.5791

 1.0544, 0.7846,
0.0000

230.6000,

 0.0000, 0.0000,

229.8472, 211.4522

0.0000

277.8912,
277.8960, 258.3826

■ 38.5569, 36.7470,
29.1055

■ 38.5569, 36.7470,
29.1055

■ 35.1522, 31.9879,
21.6491

■ 42.4661, 42.1129,
37.9686

■ 32.2273, 27.8088,
15.5240

■ 46.8970, 48.1013,
48.3040

■ 29.7600, 24.1881,
10.6512

■ 51.8696, 54.7335,
60.1756

■ 27.7250, 21.1009,
6.9424

■ 57.4022, 62.0283,
73.6431

■ 26.0938, 18.5203,
4.2974

■ 63.5118, 70.0036,
88.7629

■ 24.8345, 16.4165,
2.5988

■ 70.2149, 78.6769,
105.5887

■ 23.8992, 14.7521,
1.6510

■ 74.3504, 86.7938,
107.4419

■ 23.8073, 14.5877,
1.5609

■ 76.0582, 90.2093,
108.0112

Harmonies

Analogous

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



40.3339, 36.7470, 34.8189



38.5569, 36.7470, 29.1055



35.8667, 36.7470, 26.4342

Triad

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



38.5569, 36.7470, 29.1055



29.7927, 36.7470, 37.4024



36.8591, 36.7470, 56.6462

Complementary

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



38.5569, 36.7470, 29.1055



35.9405, 40.7413, 57.0086

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.



34.0037, 36.7470, 57.5861



38.5569, 36.7470, 29.1055



30.0261, 36.7470, 45.6957

Square

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



38.5569, 36.7470, 29.1055



30.8762, 36.7470, 30.7748



31.5322, 36.7470, 53.3487



39.3173, 36.7470, 50.9324

Rectangle

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



38.5569, 36.7470, 29.1055



33.9614, 36.7470, 26.4507



31.5322, 36.7470, 53.3487



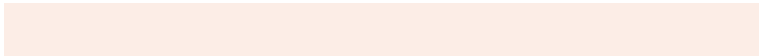
35.9106, 36.7470, 57.5584

Sweetspot

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



38.5579, 36.7487, 29.1063



84.7297, 86.8310, 86.9582



39.2926, 32.8290, 45.9655



18.2816, 18.6477, 18.3992



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.



38.5579, 36.7487, 29.1063



65.6310, 60.6907, 43.4211



43.7280, 47.0890, 30.8296



10.3170, 10.5655, 10.5575



15.7166, 9.7190, 1.0476



0.7413, 0.5443, 0.0660

Inverse Universe

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



35.9405, 40.7413, 57.0086



60.0644, 69.1459, 102.6506



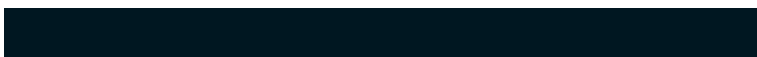
30.9984, 30.8570, 55.3612



10.1021, 10.8954, 12.8554



12.1820, 14.1205, 35.6401



0.5847, 0.7268, 1.5594

Previews

White Background



This preview shows how the XYZ color 38.5569, 36.7470, 29.1055 looks on a white background.

Color Contrast Check

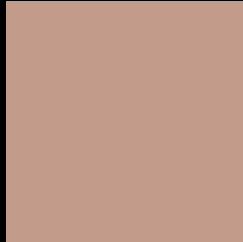
Large Text (above 18pt) WCAG AA × Fail

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 38.5569, 36.7470, 29.1055 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 38.5569, 36.7470, 29.1055

Background



This preview shows how black text looks on a background with the XYZ color 38.5569, 36.7470, 29.1055.



This preview shows how white text looks on a background with the XYZ color 38.5569, 36.7470,

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

38.5569, 36.7470, 29.1055

Protanopia

34.7743, 36.8053, 30.8625

Deuteranopia

37.3835, 36.6403, 29.1467



Tritanopia

40.7034, 36.6479, 39.5788

Trichromacy



Original Color

38.5569, 36.7470, 29.1055

Protanomaly

35.9689, 36.6484, 30.3774

Deuteranomaly

37.7111, 36.5591, 29.1138

Tritanomaly

39.8259, 36.5253, 35.5229

Monochromacy



Original Color

38.5569, 36.7470, 29.1055

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 38.5569, 36.7470, 29.1055 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(194, 155, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 155, 138)  
}
```

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(194, 155, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 155, 138) }
```

Border

The CSS property to change the border of an element to XYZ 38.5569, 36.7470, 29.1055 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(194, 155, 138) }
```


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

```
.border{ border-color:rgb(194, 155, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 155, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 155, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 155, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 155,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5569, 36.7470, 29.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 155, 138) }
```

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

```
.background{ background-color: rgb(194,  
155, 138) }
```

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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