

Converting Colors

XYZ(38.8298, 39.7166, 29.0618)

Have a look what the booklet for
XYZ(38.8298, 39.7166, 29.0618)
contains.

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Color

**XYZ(38.8192, 39.7414,
28.9174)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA688
RGB	188, 166, 136
RGB Percent	74%, 65%, 53%
CMY	0.2627, 0.3490, 0.4667
CMYK	0.00, 0.12, 0.28, 0.26
HSL	35°, 28%, 64%
HSV	35°, 28%, 74%
XYZ	38.8192, 39.7414, 28.9174
YIQ	169.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

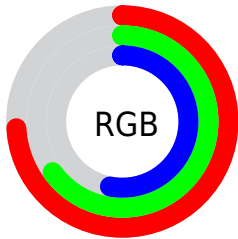
Format	Color
RYB	174, 188, 136
Decimal	12363400
CIELab	69.28, 3.36, 18.49
CIELCh	69, 18.789, 79.689
Yxy	39.7414, 0.3612, 0.3698
Android (android.graphics.Color)	4290553480 (0xFFBCA688)
YUV	169.1580, -16.3469, 16.5244
Hunter-Lab	63.0408, -0.4048, 16.9317

Details

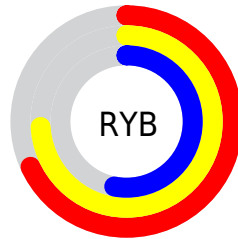
The XYZ color **38.8192, 39.7414, 28.9174** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.4570, 33.3178, 52.3501**, and the grayscale version is **37.8616, 39.8334, 43.3786**.

A 20% lighter version of the original color is **72.6979, 74.7995, 58.7503**, and **17.5285, 17.7748, 11.3111** is the 20% darker color. If you saturate the color by 10%, you get **36.1977, 36.4521, 22.0199**, and if you desaturate by 10%, it is **41.7666, 43.3069, 37.0807**.

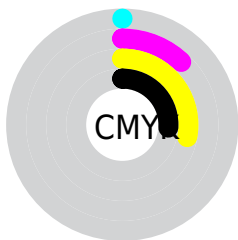
Distribution



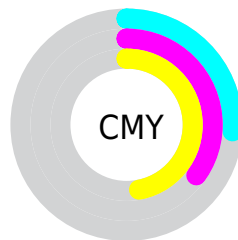
- Red (74%)
- Green (65%)
- Blue (53%)



- Red (68%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (26%)





- Cyan (26%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8192, 39.7414, 28.9174 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 38.8192, 39.7414, 28.9174 by changing the saturation by 10% instead.


 38.8192, 39.7414,
28.9174


 38.8192, 39.7414,
28.9174


332.3416,
345.0324, 310.8738


 26.7992, 27.3370,
18.7733


 72.6579, 74.7696,
58.9864

 17.5583, 17.8265,
11.3314


 95.2073, 98.1621,
79.7485

 10.7311, 10.8255,
6.1733

 121.9971,
125.9861, 104.8869

 5.9523, 5.9496,
2.8802

153.3929,
158.6260, 134.8202

 2.8565, 2.8145,
1.0338

189.7599,
196.4662, 169.9671

 1.0783, 1.0356,
0.0000

231.4634,

 0.0069, 0.0000,

239.8911, 210.7459

0.0000

278.8689,
289.2850, 257.5753

0.0000, 0.0000,
0.0000

38.8192, 39.7414,
28.9174

38.8192, 39.7414,
28.9174

36.1977, 36.4521,
22.0199

41.7666, 43.3069,
37.0807

33.8850, 33.4255,
16.3207

45.0497, 47.1507,
46.5676

31.8674, 30.6547,
11.7498

48.6817, 51.2821,
57.4354

30.1282, 28.1304,
8.2287

52.6739, 55.7080,
69.7370

28.6490, 25.8425,
5.6687

57.0374, 60.4350,
83.5230

■ 27.4085, 23.7795,
3.9665

■ 61.7826, 65.4696,
98.8409

■ 26.3757, 21.9260,
2.9684

■ 64.8232, 69.9796,
104.6986

■ 26.1521, 21.5173,
2.7749

■ 66.9813, 74.2959,
105.4180

■ 69.2404, 78.8140,
106.1710

Harmonies

Analogous

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



41.6453, 39.7414, 31.8151



38.8192, 39.7414, 28.9174



35.8550, 39.7414, 29.4573

Triad

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



38.8192, 39.7414, 28.9174



32.5779, 39.7414, 49.1045



42.3641, 39.7414, 54.9143

Complementary

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



38.8192, 39.7414, 28.9174



31.4570, 33.3178, 52.3501

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.



39.7582, 39.7414, 60.8439



38.8192, 39.7414, 28.9174



34.1485, 39.7414, 57.1932

Square

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



38.8192, 39.7414, 28.9174



32.3563, 39.7414, 40.3700



36.7458, 39.7414, 61.7292



43.7628, 39.7414, 46.3090

Rectangle

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



38.8192, 39.7414, 28.9174



34.1935, 39.7414, 31.7210



36.7458, 39.7414, 61.7292



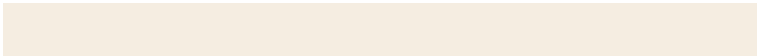
41.5940, 39.7414, 57.3325

Sweetspot

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



38.8202, 39.7432, 28.9182



81.3508, 85.1130, 83.5296



35.7611, 30.7872, 36.6471



17.2932, 18.0706, 17.3741



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.



38.8202, 39.7432, 28.9182



67.4908, 68.4616, 44.7868



42.3226, 48.0005, 30.3275



9.9749, 10.4258, 10.0633



17.8805, 14.7998, 1.9142



0.7639, 0.7067, 0.0961

Inverse Universe

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



31.4570, 33.3178, 52.3501



52.0010, 54.9485, 94.0916



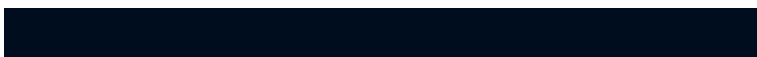
28.6073, 26.7689, 51.2363



9.3393, 9.8709, 12.0852



8.1800, 6.4716, 33.2109



0.3853, 0.3832, 1.3225

Previews

White Background



This preview shows how the XYZ color 38.8192, 39.7414, 28.9174 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 38.8192, 39.7414, 28.9174 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 38.8192, 39.7414, 28.9174

Background



This preview shows how black text looks on a background with the XYZ color 38.8192, 39.7414, 28.9174.



This preview shows how white text looks on a background with the XYZ color 38.8192, 39.7414,

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

38.8192, 39.7414, 28.9174

Protanopia

37.2937, 39.7658, 29.3769

Deuteranopia

40.6385, 39.8708, 29.2209



Tritanopia

42.0259, 39.7133, 44.9856

Trichromacy



Original Color

38.8192, 39.7414, 28.9174

Protanomaly

37.8094, 39.7565, 29.3479

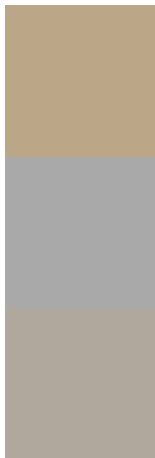
Deuteranomaly

40.0390, 39.8264, 29.2439

Tritanomaly

40.9282, 39.8088, 38.7844

Monochromacy



Original Color

38.8192, 39.7414, 28.9174

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9929, 39.6697, 37.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8192, 39.7414, 28.9174 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(188, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 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(188, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.8192, 39.7414, 28.9174 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(188, 166, 136) }
```


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

```
.border{ border-color:rgb(188, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8192, 39.7414, 28.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 136) }
```

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

```
.background{ background-color: rgb(188,  
166, 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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