

Converting Colors

XYZ(38.0048, 37.4978, 19.7835)

Have a look what the booklet for
XYZ(38.0048, 37.4978, 19.7835)
contains.

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Color

**XYZ(38.0131, 37.4282,
19.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	C59E6D
RGB	197, 158, 109
RGB Percent	77%, 62%, 43%
CMY	0.2275, 0.3804, 0.5725
CMYK	0.00, 0.20, 0.45, 0.23
HSL	33°, 43%, 60%
HSV	33°, 45%, 77%
XYZ	38.0131, 37.4282, 19.6888
YIQ	164.0750, 38.9730, -6.9710

Conversions

Conversions Part 2

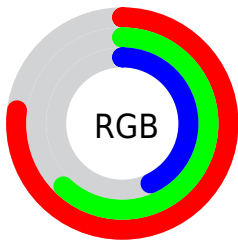
Format	Color
R_{YB}	179, 197, 109
Decimal	12951149
CIE _{Lab}	67.60, 8.05, 31.04
CIE _{LCh}	68, 32.064, 75.455
Yxy	37.4282, 0.3996, 0.3934
Android (android.graphics.Color)	4291141229 (0xFFC59E6D)
YUV	164.0750, -27.1520, 28.8752
Hunter-Lab	61.1786, 3.8478, 23.7440

Details

The XYZ color **38.0131, 37.4282, 19.6888** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9741, 28.4609, 56.8949**, and the grayscale version is **35.4353, 37.2807, 40.5987**.

A 20% lighter version of the original color is **71.4673, 71.4217, 43.7373**, and **17.0578, 16.5044, 6.5616** is the 20% darker color. If you saturate the color by 10%, you get **35.6329, 34.1789, 14.2368**, and if you desaturate by 10%, it is **40.7387, 40.9877, 26.4292**.

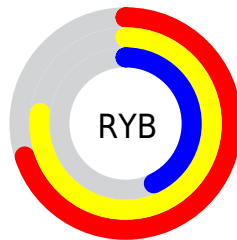
Distribution



Red (77%)

Green (62%)

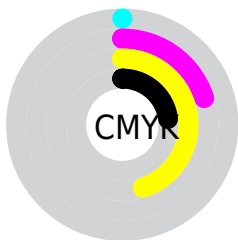
Blue (43%)



Red (70%)

Yellow (77%)

Blue (43%)

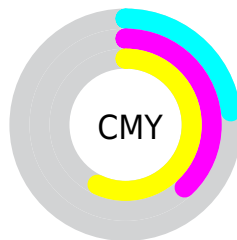


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0131, 37.4282, 19.6888 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 38.0131, 37.4282, 19.6888 by changing the saturation by 10% instead.

■ 38.0131, 37.4282,
19.6888

■ 38.0131, 37.4282,
19.6888

328.9560,
335.1607, 262.7737

■ 26.1701, 25.5392,
11.9872

■ 71.4320, 71.2309,
43.7469

■ 17.0843, 16.4792,
6.6125

■ 93.7386, 93.9133,
60.9405

■ 10.3903, 9.8639,
3.1462

■ 120.2638,
120.9624, 82.1352

■ 5.7227, 5.3088,
1.1698

■ 151.3729,
152.7625, 107.7495

■ 2.7163, 2.4296,
0.0000

187.4314,
189.6979, 138.2019

■ 1.0056, 0.8410,
0.0000

228.8045,

■ 0.0000, 0.0000,

232.1532, 173.9111

0.0000

275.8576,
280.5127, 215.2955

■ 38.0131, 37.4282,
19.6888

■ 38.0131, 37.4282,
19.6888

■ 35.6329, 34.1789,
14.2368

■ 40.7387, 40.9877,
26.4292

■ 33.5769, 31.2237,
9.9857

■ 43.8235, 44.8622,
34.5333

■ 31.8259, 28.5526,
6.8403

■ 47.2840, 49.0628,
44.0732

■ 30.3566, 26.1526,
4.6898

■ 51.1346, 53.5987,
55.1152

■ 29.1411, 24.0088,
3.3999

■ 55.3890, 58.4783,
67.7214

■ 28.5699, 22.9584,
2.9256

■ 60.0600, 63.7098,
81.9504

■ 65.1599, 69.3012,
97.8579

■ 68.7757, 74.4901,
105.3609

■ 71.2361, 79.4107,
106.1810

Harmonies

Analogous

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



42.6605, 37.4282, 24.2800



38.0131, 37.4282, 19.6888



33.1033, 37.4282, 19.7577

Triad

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



38.0131, 37.4282, 19.6888



27.1837, 37.4282, 48.4387



42.7809, 37.4282, 62.9634

Complementary

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



38.0131, 37.4282, 19.6888



26.9741, 28.4609, 56.8949

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.



38.1655, 37.4282, 72.9898



38.0131, 37.4282, 19.6888



29.3199, 37.4282, 63.3724

Square

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



38.0131, 37.4282, 19.6888



27.1511, 37.4282, 34.2969



33.2423, 37.4282, 73.1547



45.5812, 37.4282, 47.9722

Rectangle

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



38.0131, 37.4282, 19.6888



30.3452, 37.4282, 22.3705



33.2423, 37.4282, 73.1547



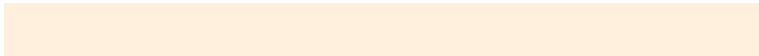
41.3723, 37.4282, 67.1646

Sweetspot

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



38.0140, 37.4300, 19.6896



85.6563, 89.0290, 81.6716



33.8876, 24.9650, 31.2995



18.0189, 18.6797, 16.5934



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.



38.0140, 37.4300, 19.6896



63.7563, 61.1268, 25.3606



44.6170, 52.3214, 22.2159



11.1154, 11.6000, 11.2159



18.8762, 15.2697, 1.9525



0.9652, 0.8658, 0.1162

Inverse Universe

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



26.9741, 28.4609, 56.8949



41.4103, 42.9904, 100.7232



22.4086, 18.5062, 55.2141



10.4370, 11.0481, 13.4999



8.9668, 7.3275, 35.6861



0.4965, 0.4908, 1.7137

Previews

White Background



This preview shows how the XYZ color 38.0131, 37.4282, 19.6888 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 38.0131, 37.4282, 19.6888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

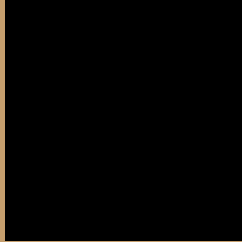
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0131, 37.4282, 19.6888

Background



This preview shows how black text looks on a background with the XYZ color 38.0131, 37.4282, 19.6888.



This preview shows how white text looks on a background with the XYZ color 38.0131, 37.4282,

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

38.0131, 37.4282, 19.6888

Protanopia

34.9702, 37.6638, 20.7560

Deuteranopia

38.2759, 37.5636, 19.7011



Tritanopia

42.0346, 37.3341, 39.6411

Trichromacy



Original Color

38.0131, 37.4282, 19.6888

Protanomaly

36.0393, 37.4275, 20.3637

Deuteranomaly

38.2759, 37.5636, 19.7011

Tritanomaly

40.3329, 37.3737, 31.0747

Monochromacy



Original Color

38.0131, 37.4282, 19.6888

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8589, 37.0844, 31.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0131, 37.4282, 19.6888 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(197, 158, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 109)  
}
```

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(197, 158, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 109) }
```

Border

The CSS property to change the border of an element to XYZ 38.0131, 37.4282, 19.6888 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(197, 158, 109) }
```


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

```
.border{ border-color:rgb(197, 158, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0131, 37.4282, 19.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 109) }
```

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

```
.background{ background-color: rgb(197,  
158, 109) }
```

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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