

Converting Colors

YUV(137.8110, -20.1198,
13.3208)

Have a look what the booklet for
YUV(137.8110, -20.1198, 13.3208)
contains.

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Color

**YUV(137.8110, -20.1198,
13.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	998A61
RGB	153, 138, 97
RGB Percent	60%, 54%, 38%
CMY	0.4000, 0.4588, 0.6196
CMYK	0.00, 0.10, 0.37, 0.40
HSL	44°, 22%, 49%
HSV	44°, 37%, 60%
XYZ	24.3830, 25.8123, 15.0064
YIQ	137.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

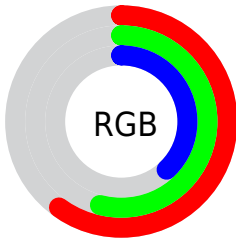
Format	Color
R_{YB}	117, 153, 97
Decimal	10062433
CIE Lab	57.86, -0.65, 24.03
CIE LCh	58, 24.043, 91.558
Yxy	25.8123, 0.3740, 0.3959
Android (android.graphics.Color)	4288252513 (0xFF998A61)
YUV	137.8110, -20.1198, 13.3208
Hunter-Lab	50.8058, -3.2435, 18.0517

Details

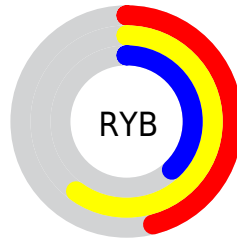
The YUV color **137.8110, -20.1198, 13.3208** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **112.1890, 20.1198, -13.3208**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1810, -21.2882, 14.7503**, and **87.5550, -18.5146, 11.7913** is the 20% darker color. If you saturate the color by 10%, you get **133.7530, -25.5142, 16.8796**, and if you desaturate by 10%, it is **141.8690, -14.7254, 9.7619**.

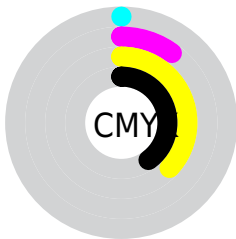
Distribution



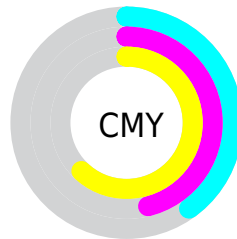
- Red (60%)
- Green (54%)
- Blue (38%)



- Red (46%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (40%)



- Cyan (40%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8110, -20.1198, 13.3208 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 YUV color 137.8110, -20.1198, 13.3208 by changing the saturation by 10% instead.

■ 137.8110,
-20.1198, 13.3208

■ 137.8110,
-20.1198, 13.3208

■ 255.0000, 0.0000,
0.0000

■ 112.6260,
-19.5356, 12.6060

■ 191.1810,
-21.2882, 14.7503

■ 87.5550, -18.5146,
11.7913

■ 219.3660,
-21.8724, 15.4650

■ 64.0710, -17.7830,
10.4617

■ 244.8490,
-21.1246, 8.9024

■ 41.5440, -18.5092,
10.0469

■ 252.1500,
-10.9200, 2.4994

■ 22.4710, -11.0782,
6.6029

■ 0.0000, 0.0000,
0.0000

■ 137.8110,
-20.1198, 13.3208

■ 137.8110,
-20.1198, 13.3208

■ 133.7530,
-25.5142, 16.8796

■ 141.8690,
-14.7254, 9.7619

■ 129.5810,
-31.3454, 20.5385

■ 146.0410, -8.8942,
6.1030

■ 125.5230,
-36.7398, 24.0973

■ 150.0990, -3.4998,
2.5442

■ 121.4650,
-42.1342, 27.6562

■ 154.1570, 1.8946,
-1.0147

■ 117.2930,
-47.9654, 31.3150

■ 158.2150, 7.2890,
-4.5736

■ 112.6480,
-53.0705, 35.3887

■ 162.9740, 12.8308,
-8.7472

■ 111.4910,
-54.9651, 36.4034

■ 167.0320, 18.2252,
-12.3061

■ 171.0900, 23.6196,

-15.8649

■ 175.2620, 29.4508,
-19.5238

Harmonies

Analogous

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



139.7680, -18.1266, 27.3905



137.8110, -20.1198, 13.3208



135.1400, -15.8450, -4.5078

Triad

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



137.8110, -20.1198, 13.3208



128.4160, 15.5709, -47.7228



142.6080, 8.0813, 21.3918

Complementary

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



137.8110, -20.1198, 13.3208



112.1890, 20.1198, -13.3208

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.



141.0770, 16.7240, 2.5635



137.8110, -20.1198, 13.3208



131.9530, 21.2222, -40.3008

Square

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



137.8110, -20.1198, 13.3208



129.5990, 4.6347, -39.9903



137.4870, 21.4519, -20.5981



142.4540, -1.7028, 32.9278

Rectangle

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



137.8110, -20.1198, 13.3208



133.7300, -10.7129, -17.3032



137.4870, 21.4519, -20.5981



142.3730, 11.1551, 15.4589

Sweetspot

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



137.8110, -20.1198, 13.3208



192.9700, -7.8732, 5.2883



115.5680, -1.2660, 32.8279



95.8710, -4.3734, 2.7441



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.8110, -20.1198, 13.3208



174.8800, -31.4928, 21.1532



143.0280, -22.6918, -1.7786



74.3270, -2.6262, 2.3442



102.3210, -50.4443, 33.0445



9.1700, -4.5208, 3.3589

Inverse Universe

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



112.1890, 20.1198, -13.3208



135.1200, 31.4928, -21.1532



106.9720, 22.6918, 1.7786



71.0860, 2.9156, -1.8294



38.2660, 50.1549, -33.5593



3.2430, 4.8102, -2.8441

Previews

White Background



This preview shows how the YUV color 137.8110, -20.1198, 13.3208 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 137.8110, -20.1198, 13.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

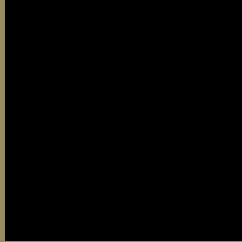
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8110, -20.1198, 13.3208

Background



This preview shows how black text looks on a background with the YUV color 137.8110, -20.1198, 13.3208.



This preview shows how white text looks on a background with the YUV color 137.8110, -20.1198, 13.3208.

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

137.8110, -20.1198, 13.3208

Protanopia

137.5010, -19.9670, 10.9616

Deuteranopia

138.8770, -20.1524, 23.7869



Tritanopia

140.9140, 0.5354, 14.9844

Trichromacy



Original Color

137.8110, -20.1198, 13.3208

Protanomaly

137.8000, -20.1144, 11.5764

Deuteranomaly

138.5560, -19.9941, 19.6834

Tritanomaly

139.6660, -6.7373, 14.3249

Monochromacy



Original Color

137.8110, -20.1198, 13.3208

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8110, -20.1198, 13.3208 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(153, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 97)  
}
```

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(153, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 97) }
```

Border

The CSS property to change the border of an element to YUV 137.8110, -20.1198, 13.3208 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(153, 138, 97) }
```


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

```
.border{ border-color:rgb(153, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 137.8110, -20.1198, 13.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 97) }
```

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

```
.background{ background-color: rgb(153,  
138, 97) }
```

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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