

Converting Colors

YUV(137.4710, -20.9382,
42.5599)

Have a look what the booklet for
YUV(137.4710, -20.9382, 42.5599)
contains.

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Color

**YUV(137.4710, -20.9382,
42.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	BA795F
RGB	186, 121, 95
RGB Percent	73%, 47%, 37%
CMY	0.2706, 0.5255, 0.6275
CMYK	0.00, 0.35, 0.49, 0.27
HSL	17°, 40%, 55%
HSV	17°, 49%, 73%
XYZ	29.1526, 24.9401, 14.1039
YIQ	137.4710, 47.0860, 5.6940

Conversions

Conversions Part 2

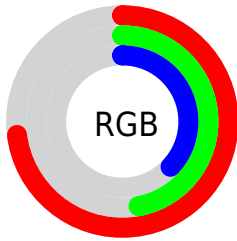
Format	Color
R_{YB}	186, 131, 95
Decimal	12220767
CIE _{Lab}	57.02, 22.47, 24.70
CIE _{LCh}	57, 33.388, 47.706
Yxy	24.9401, 0.4275, 0.3657
Android (android.graphics.Color)	4290410847 (0xFFBA795F)
YUV	137.4710, -20.9382, 42.5599
Hunter-Lab	49.9400, 16.8048, 18.2136

Details

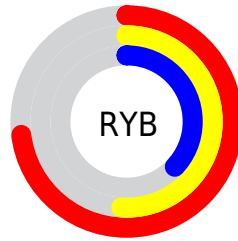
The YUV color **137.4710, -20.9382, 42.5599** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **143.5290, 20.9382, -42.5599**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7380, -22.5488, 45.8338**, and **86.6060, -19.0328, 38.0565** is the 20% darker color. If you saturate the color by 10%, you get **127.6740, -25.4753, 51.1519**, and if you desaturate by 10%, it is **147.2680, -16.4011, 33.9680**.

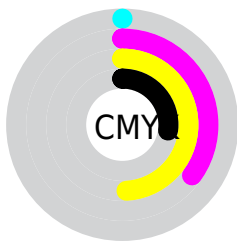
Distribution



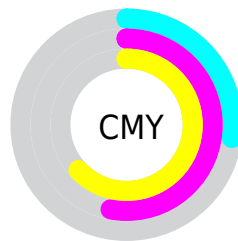
- Red (73%)
- Green (47%)
- Blue (37%)



- Red (73%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4710, -20.9382, 42.5599 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 137.4710, -20.9382, 42.5599 by changing the saturation by 10% instead.

■ 137.4710,
-20.9382, 42.5599

■ 137.4710,
-20.9382, 42.5599

■ 255.0000, 0.0000,
0.0000

■ 111.6880,
-20.0592, 40.6156

■ 191.7380,
-22.5488, 45.8338

■ 86.6060, -19.0328,
38.0565

■ 213.8400,
-20.6271, 36.0973

■ 62.6380, -17.5695,
35.3975

■ 234.0550,
-16.7891, 18.3688

■ 38.2140, -17.8535,
33.1383

■ 251.9220,
-11.7935, 2.6994

■ 17.2980, -8.5279,
28.6797

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,

0.0000

■ 137.4710,
-20.9382, 42.5599

■ 137.4710,
-20.9382, 42.5599

■ 127.6740,
-25.4753, 51.1519

■ 147.2680,
-16.4011, 33.9680

■ 117.4040,
-29.2862, 60.1587

■ 157.5380,
-12.5902, 24.9612

■ 107.6070,
-33.8233, 68.7507

■ 167.3350, -8.0532,
16.3692

■ 97.9240, -37.9235,
77.2427

■ 177.0180, -3.9529,
7.8772

■ 88.1270, -42.4606,
85.8346

■ 186.8150, 0.5842,
-0.7148

■ 86.7250, -42.7554,
87.0642

■ 197.1990, 4.8319,
-9.8215

■ 206.8820, 8.9322,
-18.3135

■ 216.6790, 13.4693,
-26.9055

■ 226.1510, 14.2226,
-35.2124

Harmonies

Analogous

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



139.3050, -9.0244, 47.9675



137.4710, -20.9382, 42.5599



135.6510, -27.4359, 26.6161

Triad

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



137.4710, -20.9382, 42.5599



123.2790, -0.1375, -49.3567



137.0240, 27.1032, -13.1760

Complementary

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



137.4710, -20.9382, 42.5599



143.5290, 20.9382, -42.5599

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.



127.1720, 32.4532, -49.2628



137.4710, -20.9382, 42.5599



110.3680, 21.5106, -86.2687

Square

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



137.4710, -20.9382, 42.5599



129.6280, -16.0856, -20.7218



108.4560, 34.7782, -95.1159



140.4040, 17.5488, 18.0627

Rectangle

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



137.4710, -20.9382, 42.5599



134.1500, -27.6820, 12.1464



108.4560, 34.7782, -95.1159



134.2290, 29.4671, -24.7568

Sweetspot

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



137.4710, -20.9382, 42.5599



222.6340, -8.2006, 16.9840



129.6190, 14.9778, 49.4461



110.6870, -5.2687, 9.9215



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



137.4710, -20.9382, 42.5599



165.8240, -32.9442, 66.8064



163.8860, -33.9608, 19.3940



86.8650, -1.9054, 4.5034



72.4720, -35.7287, 73.2541



13.0680, -6.4425, 13.0954

Inverse Universe

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



143.5290, 20.9382, -42.5599



175.1760, 32.9442, -66.8064



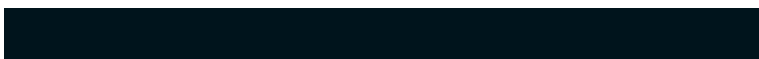
117.1140, 33.9608, -19.3940



87.5480, 2.1948, -3.9886



82.9410, 36.0181, -72.7393



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 137.4710, -20.9382, 42.5599 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 137.4710, -20.9382, 42.5599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

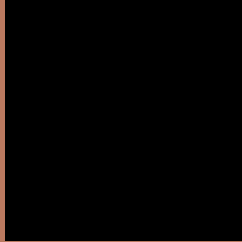
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4710, -20.9382, 42.5599

Background



This preview shows how black text looks on a background with the YUV color 137.4710, -20.9382, 42.5599.



This preview shows how white text looks on a background with the YUV color 137.4710, -20.9382,

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

137.4710, -20.9382, 42.5599

Protanopia

136.0000, -16.7620, 9.6470

Deuteranopia

136.5350, -21.4628, 24.0868



Tritanopia

139.2550, -6.5347, 42.7494

Trichromacy



Original Color

137.4710, -20.9382, 42.5599

Protanomaly

136.3220, -18.3997, 21.6426

Deuteranomaly

136.6930, -21.0476, 30.9642

Tritanomaly

138.2890, -11.4815, 42.7195

Monochromacy



Original Color

137.4710, -20.9382, 42.5599

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1500, -7.4689, 15.6545

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4710, -20.9382, 42.5599 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(186, 121, 95)` looks like.

```
.text, #text, p{  
    color:rgb(186, 121, 95)  
}
```

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(186, 121, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 121, 95) }
```

Border

The CSS property to change the border of an element to YUV 137.4710, -20.9382, 42.5599 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(186, 121, 95) }
```


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

```
.border{ border-color:rgb(186, 121, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 121, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 121, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 121, 95);  
box-shadow:4px 4px 4px 4px rgb(186, 121,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 137.4710, -20.9382, 42.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 121, 95) }
```

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

```
.background{ background-color: rgb(186,  
121, 95) }
```

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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