

Converting Colors

YUV(137.1570, -14.8674,
8.6323)

Have a look what the booklet for
YUV(137.1570, -14.8674, 8.6323)
contains.

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Color

**YUV(137.1570, -14.8674,
8.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	938A6B
RGB	147, 138, 107
RGB Percent	58%, 54%, 42%
CMY	0.4235, 0.4588, 0.5804
CMYK	0.00, 0.06, 0.27, 0.42
HSL	46°, 16%, 50%
HSV	46°, 27%, 58%
XYZ	23.7749, 25.4415, 17.5676
YIQ	137.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

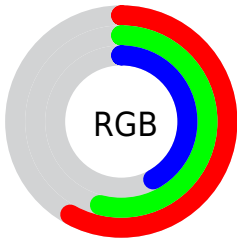
Format	Color
R_{YB}	119, 147, 107
Decimal	9669227
CIE _{Lab}	57.50, -1.79, 17.85
CIE _{LCh}	58, 17.939, 95.711
Yxy	25.4415, 0.3560, 0.3810
Android (android.graphics.Color)	4287859307 (0xFF938A6B)
YUV	137.1570, -14.8674, 8.6323
Hunter-Lab	50.4396, -4.1325, 14.6577

Details

The YUV color $[137.1570, -14.8674, 8.6323]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[116.8430, 14.8674, -8.6323]$, and the grayscale version is $[137.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[190.3420, -15.4516, 9.3471]$, and $[87.0860, -13.8464, 7.8176]$ is the 20% darker color. If you saturate the color by 10%, you get $[133.6860, -20.5512, 11.6764]$, and if you desaturate by 10%, it is $[140.6280, -9.1836, 5.5882]$.

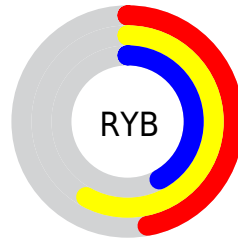
Distribution



Red (58%)

Green (54%)

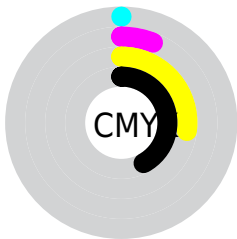
Blue (42%)



Red (47%)

Yellow (58%)

Blue (42%)

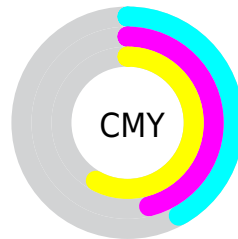


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1570, -14.8674, 8.6323 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 137.1570, -14.8674, 8.6323 by changing the saturation by 10% instead.

■ 137.1570,
-14.8674, 8.6323

■ 137.1570,
-14.8674, 8.6323

■ 255.0000, 0.0000,
0.0000

■ 111.9720,
-14.2832, 7.9176

■ 190.3420,
-15.4516, 9.3471

■ 87.0860, -13.8464,
7.8176

■ 218.5270,
-16.0358, 10.0618

■ 63.9010, -13.2622,
7.1028

■ 246.1030,
-16.3198, 7.8027

■ 41.8300, -12.2412,
6.2881

■ 253.5180, -5.6784,
1.2997

■ 21.8730, -10.7834,
5.3734

■ 0.0000, 0.0000,
0.0000

■ 137.1570,
-14.8674, 8.6323

■ 137.1570,
-14.8674, 8.6323

■ 133.6860,
-20.5512, 11.6764

■ 140.6280, -9.1836,
5.5882

■ 129.7420,
-25.5088, 15.1353

■ 144.5720, -4.2260,
2.1294

■ 126.2710,
-31.1926, 18.1793

■ 148.0430, 1.4578,
-0.9147

■ 122.8000,
-36.8764, 21.2234

■ 151.5140, 7.1416,
-3.9588

■ 118.8560,
-41.8340, 24.6823

■ 155.5720, 12.5360,
-7.5176

■ 115.3850,
-47.5178, 27.7264

■ 158.9290, 17.7830,
-10.4617

■ 111.9140,
-53.2016, 30.7704

■ 162.4000, 23.4668,
-13.5058

■ 110.8710,

■ 165.8710, 29.1506,

-54.6594, 31.6851

-16.5499

■ 169.8150, 34.1082,
-20.0088

Harmonies

Analogous

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



138.7500, -14.1738, 19.5132



137.1570, -14.8674, 8.6323



135.5790, -11.6244, -4.8928

Triad

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



137.1570, -14.8674, 8.6323



131.8910, 11.8857, -32.3534



141.0760, 4.8925, 17.4733

Complementary

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



137.1570, -14.8674, 8.6323



116.8430, 14.8674, -8.6323

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.



140.1220, 11.7719, 4.2780



137.1570, -14.8674, 8.6323



134.2600, 15.6478, -25.6610

Square

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



137.1570, -14.8674, 8.6323



131.6650, 4.6022, -29.5242



137.3480, 15.6044, -11.7062



140.8830, -2.4073, 25.5356

Rectangle

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



137.1570, -14.8674, 8.6323



134.0770, -6.9400, -14.0995



137.3480, 15.6044, -11.7062



140.7380, 7.5242, 13.3848

Sweetspot

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



137.1570, -14.8674, 8.6323



187.5290, -5.6838, 3.0441



119.9860, -1.9651, 23.6913



94.6860, -3.7892, 2.0294



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



137.1570, -14.8674, 8.6323



175.6000, -23.4668, 13.5058



139.1510, -15.8504, -2.7634



72.0280, -2.4788, 1.7294



104.0710, -51.3070, 29.7557



7.6860, -3.7892, 2.0294

Inverse Universe

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



116.8430, 14.8674, -8.6323



143.4000, 23.4668, -13.5058



114.8490, 15.8504, 2.7634



68.3850, 2.7682, -1.2146



33.9290, 51.3070, -29.7557



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 137.1570, -14.8674, 8.6323 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 137.1570, -14.8674, 8.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

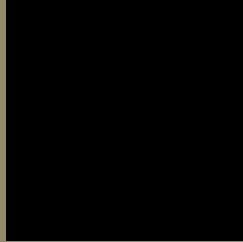
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1570, -14.8674, 8.6323

Background



This preview shows how black text looks on a background with the YUV color 137.1570, -14.8674, 8.6323.



This preview shows how white text looks on a background with the YUV color 137.1570, -14.8674, 8.6323.

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

137.1570, -14.8674, 8.6323

Protanopia

137.1570, -14.8674, 8.6323

Deuteranopia

138.8210, -15.1948, 20.3280



Tritanopia

139.6360, 2.1515, 9.9662

Trichromacy



Original Color

137.1570, -14.8674, 8.6323

Protanomaly

137.1570, -14.8674, 8.6323

Deuteranomaly

138.5000, -15.0365, 16.2245

Tritanomaly

139.0290, -3.9583, 9.6216

Monochromacy



Original Color

137.1570, -14.8674, 8.6323

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1570, -14.8674, 8.6323 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(147, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 107)  
}
```

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(147, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 107) }
```

Border

The CSS property to change the border of an element to YUV 137.1570, -14.8674, 8.6323 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(147, 138, 107) }
```


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

```
.border{ border-color:rgb(147, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 137.1570, -14.8674, 8.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 107) }
```

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

```
.background{ background-color: rgb(147,  
138, 107) }
```

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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