

Converting Colors

YUV(137.9530, -12.3018,
-21.0068)

Have a look what the booklet for
YUV(137.9530, -12.3018, -21.0068)
contains.

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Color

**YUV(137.9530, -12.3018,
-21.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	729B71
RGB	114, 155, 113
RGB Percent	45%, 61%, 44%
CMY	0.5529, 0.3922, 0.5569
CMYK	0.26, 0.00, 0.27, 0.39
HSL	119°, 17%, 53%
HSV	119°, 27%, 61%
XYZ	21.6414, 28.2124, 19.9277
YIQ	137.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

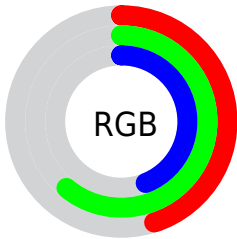
Format	Color
RYB	113, 155, 154
Decimal	7510897
CIELab	60.08, -22.61, 17.62
CIELCh	60, 28.668, 142.074
Yxy	28.2124, 0.3101, 0.4043
Android (android.graphics.Color)	4285700977 (0xFF729B71)
YUV	137.9530, -12.3018, -21.0068
Hunter-Lab	53.1153, -20.2234, 14.9364

Details

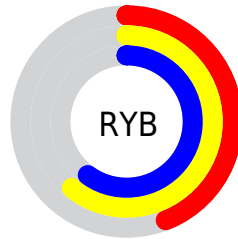
The YUV color $137.9530, -12.3018, -21.0068$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $130.0470, 12.3018, 21.0068$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.0130, -13.3174, -21.9364$, and $87.5940, -11.1388, -20.6919$ is the 20% darker color. If you saturate the color by 10%, you get $131.7580, -16.6427, -28.7288$, and if you desaturate by 10%, it is $144.2620, -7.5242, -13.3848$.

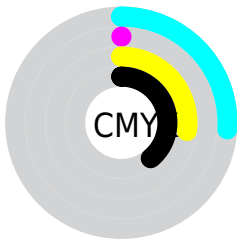
Distribution



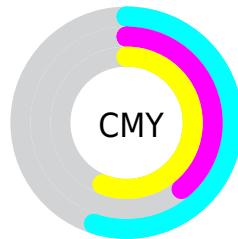
- Red (45%)
- Green (61%)
- Blue (44%)



- Red (44%)
- Yellow (61%)
- Blue (60%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9530, -12.3018, -21.0068 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 137.9530, -12.3018, -21.0068 by changing the saturation by 10% instead.

■ 137.9530,
-12.3018, -21.0068

■ 137.9530,
-12.3018, -21.0068

■ 255.0000, 0.0000,
0.0000

■ 112.3660,
-12.0124, -20.4920

■ 192.0130,
-13.3174, -21.9364

■ 87.5940, -11.1388,
-20.6919

■ 219.6000,
-13.6068, -22.4512

■ 63.4200, -10.5601,
-19.6623

■ 241.1430,
-10.4235, -16.7884

■ 40.3490, -9.5391,
-20.4771

■ 253.1200, -2.0312,
-1.8592

■ 19.9580, -9.8393,
-17.5032

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,

0.0000

■ 137.9530,
-12.3018, -21.0068

■ 137.9530,
-12.3018, -21.0068

■ 131.7580,
-16.6427, -28.7288

■ 144.2620, -7.5242,
-13.3848

■ 125.4490,
-21.4204, -36.3508

■ 150.4570, -3.1833,
-5.6628

■ 119.2540,
-25.7612, -44.0728

■ 156.7660, 1.5944,
1.9592

■ 112.6460,
-30.3915, -52.3095

■ 163.2600, 5.7878,
10.2960

■ 106.3370,
-35.1691, -59.9315

■ 169.4550, 10.1287,
18.0180

■ 100.1420,
-39.5100, -67.6535

■ 175.7640, 14.9063,
25.6400

■ 93.9470, -43.8509,
-75.3755

■ 182.0730, 19.6840,
33.2620

■ 92.1810, -45.4452,
-77.3347

■ 188.2680, 24.0249,
40.9840

■ 194.4630, 28.3657,
48.7059

Harmonies

Analogous

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



141.2780, -21.8291, 1.5102



137.9530, -12.3018, -21.0068



133.4800, 1.7354, -43.3940

Triad

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



137.9530, -12.3018, -21.0068



139.4790, 26.8789, -34.6231



147.3320, -10.0237, 41.8048

Complementary

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



137.9530, -12.3018, -21.0068



130.0470, 12.3018, 21.0068

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.



148.2140, 2.3595, 36.6463



137.9530, -12.3018, -21.0068



146.1020, 22.1347, -6.2285

Square

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



137.9530, -12.3018, -21.0068



131.9940, 25.6390, -56.9997



148.3780, 13.6176, 18.9625



145.4810, -19.4641, 36.4122

Rectangle

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



137.9530, -12.3018, -21.0068



130.9220, 11.3775, -56.0596



148.3780, 13.6176, 18.9625



147.6570, -6.2399, 41.5198

Sweetspot

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



137.9530, -12.3018, -21.0068



194.6910, -4.7777, -7.6220



149.6250, -18.0561, 4.7139



97.8700, -2.8939, -5.1480



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



137.9530, -12.3018, -21.0068



174.3400, -19.3946, -32.7472



139.9340, -3.4185, -23.6211



73.6960, -2.3151, -4.1184



83.0770, -40.9570, -70.2275



7.6310, -3.7621, -6.6924

Inverse Universe

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



130.0470, 12.3018, 21.0068



161.9590, 19.2472, 33.3620



128.0660, 3.4185, 23.6211



72.0050, 2.4625, 3.5036



56.9230, 40.9570, 70.2275



5.0700, 3.9095, 6.0776

Previews

White Background



This preview shows how the YUV color 137.9530, -12.3018, -21.0068 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 137.9530, -12.3018, -21.0068 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 137.9530, -12.3018, -21.0068 Background



This preview shows how black text looks on a background with the YUV color 137.9530, -12.3018, -21.0068.



This preview shows how white text looks on a background with the YUV color 137.9530, -12.3018, -21.0068.

-21.0068.

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

137.9530, -12.3018, -21.0068

Protanopia

143.1850, -17.3462, 10.3618

Deuteranopia

145.0490, -14.3212, 20.1280



Tritanopia

142.2950, 9.2216, -17.7987

Trichromacy



Original Color

137.9530, -12.3018, -21.0068

Protanomaly

141.2760, -15.4191, -1.1191

Deuteranomaly

142.4770, -13.5462, 4.8437

Tritanomaly

140.6340, 1.6594, -18.9730

Monochromacy



Original Color

137.9530, -12.3018, -21.0068

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9530, -12.3018, -21.0068 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(114, 155, 113)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 113)  
}
```

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(114, 155, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 113) }
```

Border

The CSS property to change the border of an element to YUV 137.9530, -12.3018, -21.0068 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(114, 155, 113) }
```


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

```
.border{ border-color:rgb(114, 155, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 113);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 137.9530, -12.3018, -21.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 113) }
```

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

```
.background{ background-color: rgb(114,  
155, 113) }
```

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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